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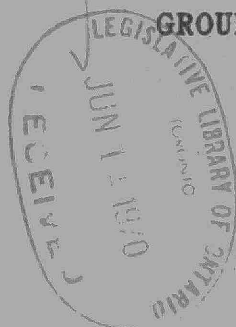
THE  
ONTARIO WATER RESOURCES  
COMMISSION

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GROUND WATER IN ONTARIO

1953 and 1954

GROUND WATER BULLETIN NO. 1



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1961



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## GROUND WATER BULLETIN No. 1

### ERRATA

Page 17 ... 3.59 feet should be added to all values on this page to give the correct distances below land surface.

Page 297... Last column, line 17, read "Egremont" instead of "Agremont."



# THE ONTARIO WATER RESOURCES COMMISSION

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## GROUND WATER IN ONTARIO, 1953 and 1954

Prepared under the direction of

A. K. WATT

DIRECTOR, WATER RESOURCES DIVISION

GROUND WATER BULLETIN NO. 1

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A. M. SNIDER

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801 BAY STREET, TORONTO, ONTARIO.

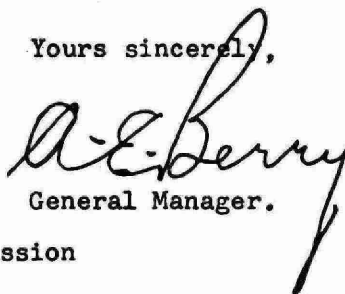
1961

A. M. Snider, Esq.,  
Chairman,  
Ontario Water Resources Commission,  
801 Bay Street,  
Toronto 5, Ontario.

Dear Sir:

It is with pleasure that I present to you  
and the other Commissioners of the Ontario Water  
Resources Commission this, the first Ground Water  
Bulletin of the Commission.

Yours sincerely,

  
General Manager.

Ontario Water Resources Commission  
Toronto, 1961.

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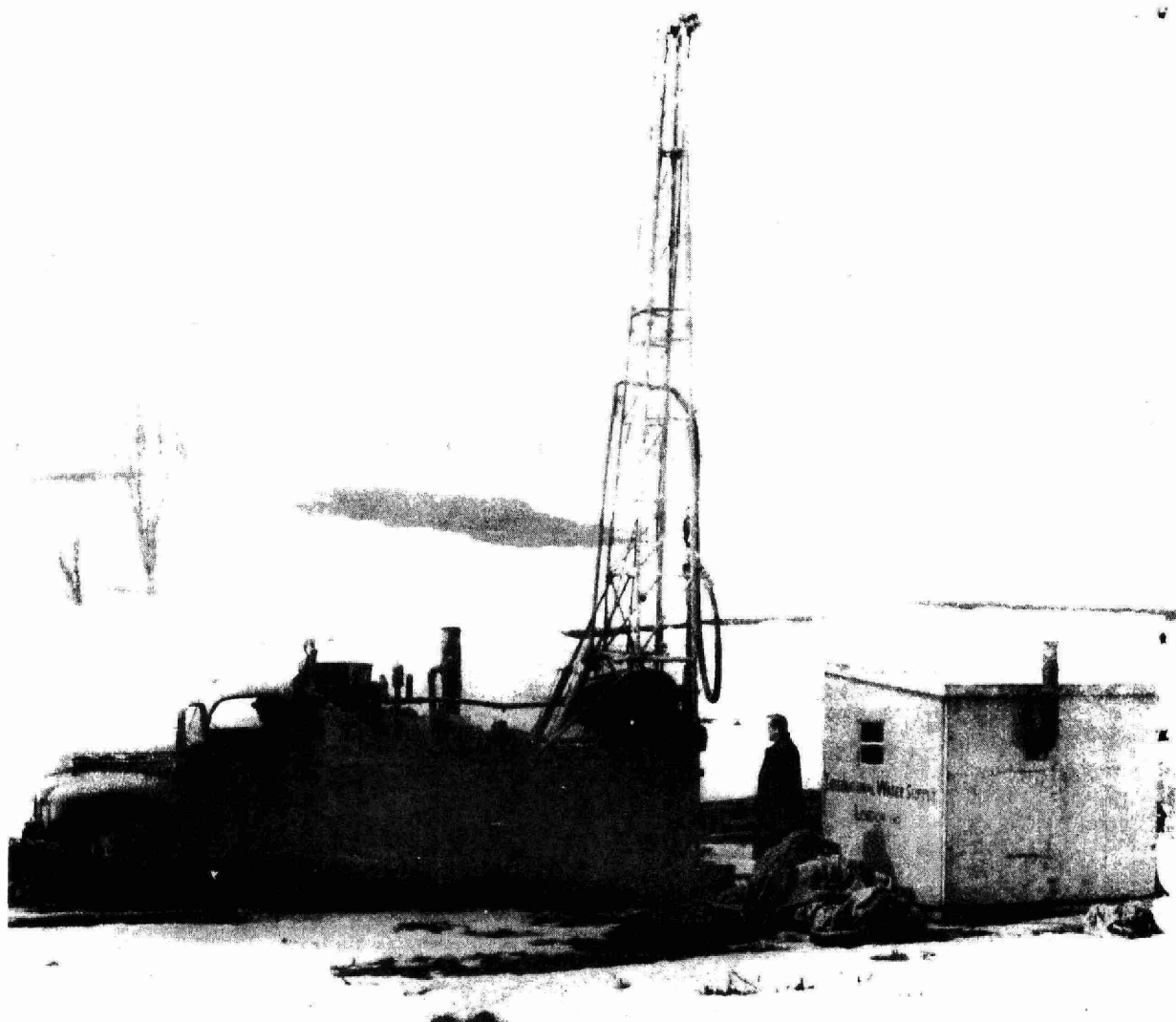
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TEST DRILLING WITH ROTARY EQUIPMENT  
NEAR BROOKLIN, ONTARIO.

# GROUND WATER IN ONTARIO, 1953 AND 1954

BY

A. K. WATT

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## INTRODUCTION

This is the fourth in a series of reports in which basic hydrological data are assembled on ground-water conditions in Ontario. The three previous reports<sup>1</sup> dealt with data collected in the period 1947-1952. This report is a compilation of data assembled in the two-year period, 1953 and 1954, by the Ontario Department of Mines.

The well data are being referred to constantly by individuals interested in ground water conditions in areas where wells are to be drilled by drillers who are interested in hydrological conditions in other areas than where they normally operate; by town planners; engineers and geologists who are searching for major aquifers to supply municipalities with ground water and by engineers and geologists who are seeking favourable sites for gravel pits, quarries and other deposits of economic value. To all of these the nature, thickness and hydrologic properties of overburden and bedrock formations must be known. Although well data are now published for the period 1947 to 1954, information on wells drilled in the interval from 1955 to 1961 is available for reference only in the offices of the Ontario Water Resources Commission, Ground Water Branch.

The form of this publication has been changed from the three previous ones. In April, 1957, the ground-water personnel of the Ontario Department of Mines were transferred to the Ontario Water Resources Commission to form the Ground Water Branch of the Commission. In order to accelerate the compilation and publishing of well data a new format has been adopted for this bulletin.

The bulletin repeats some of the information contained in previous reports. This has been done where it was felt the information was needed as important reference material for the new assembled data.

## Acknowledgments

The assistance of many private individuals and municipal officials and employees in the observation well programme is gratefully acknowledged. The regular taking of water levels and the supervision of water level recording instruments by these persons without remuneration is a tribute to their public spiritedness.

The water well drillers filed with the Department of Mines records of well logs and water data and in so doing played an important part in the assembly of valuable hydrologic data.

- 
1. Ground Water in Ontario, 1947, Ont. Dept. Mines. Vol. LX, 1951, pt. 11  
Ground Water in Ontario, 1948, 1949, and 1950, Ont. Dept. Mines, Bull. 145, 1953.  
Ground Water in Ontario, 1951 and 1952, Ont. Dept. Mines, Bull. 152, 1957.

## GEOGRAPHY

### Topography

Ontario has three main physiographic regions. Most of the area lying north of lines drawn rather irregularly from Midland to Kingston and from Brockville to Pembroke is part of the large physiographic region known as the Precambrian, or Canadian, Shield. The elevation is seldom high, but in places, has an extremely rugged profile.

From the low, swampy areas bordering the south and west shores of James Bay and Hudson Bay the land surface rises gently to a height-of-land north of Lake Superior, which extends in a general east-west direction. The elevation of this height-of-land ranges from 1,000 to 2,100 feet above sea level. The maximum elevation is reached just northeast of Lake Superior.

South of the Precambrian Shield is the St. Lawrence Lowlands, which may be further subdivided into the Ontario Lowland and the Ontario Upland. The Ontario Lowland extends from the eastern counties of Prescott and Glengarry westward to the Niagara escarpment. There is a maximum relief of about 1,000 feet, which is reached in the hilly interlobate moraine areas where it adjoined the escarpment.

The Niagara escarpment marks the boundary between the Ontario Lowland and the Ontario Upland. It is a striking topographic feature, owing its form to the bedrock of dense, white-weathering dolomite underlain by softer shales and dolomites. Differential erosion of these rocks through the ages has resulted in precipitous cliffs rising from the lowlands to heights of more than 200 feet. The land surface dips regionally to the west and south, away from the escarpment, towards Lake Huron and Erie. The highest elevation of the Uplands is in Dufferin and Grey counties where heights of between 1,700 and 1,800 feet above sea level are reached in several places.

Over all Ontario a variety of glacial forms such as recessional moraines, kames, deltas, eskers, and drumlins contribute to the variations in relief within the main physiographic regions.

### Drainage

The total area of Ontario is 412,582 square miles of which 11.9 percent is fresh-water lakes and rivers. Most of these are located in the Precambrian Shield area. Of great importance to the province, is the Great Lakes-St. Lawrence River System, which has a drainage basin of over 350,000 square miles.

The lake levels vary from one to three feet during the year. The lowest levels are recorded in the winter; the highest, in most cases, in the summer and fall. Monthly mean elevations for some of the Great Lakes are listed in Table V shown in Appendix D.



## Climate

The climatic conditions and geological structure of an area largely determine its hydrologic characteristics. If the climatic factors, precipitation, temperature, wind, and sunshine, and their hydrologic results are observed over a sufficiently long period a fairly accurate assumption of future climatic and hydrologic conditions can be made.

Tables VI and VII shown in Appendix D have been prepared from data published by the Meteorological Service of the Canadian Department of Transport and show temperature and precipitation data for a number of selected meteorological stations in the province.

## Agriculture

Many farmers and settlers continued to take advantage of the financial assistance provided by the Department of Agriculture in locating water supplies in Northern Ontario. Subsidies were equal to 50 percent of the cost over \$200.00 involved in locating a water supply with a maximum payment of \$300.00. Subsidy payments in 1953 totalled \$21,792.23 to 122 farmers, and in 1954 totalled \$38,346.31 to 177 farmers.<sup>1</sup> Details of the assistance are shown in Table IV.

TABLE I - ASSISTANCE GIVEN TO FARMERS AND SETTLERS IN PROCURING WATER SUPPLIES

District	No. Asstd.	Water Supply			Total Cost	Avg. Cost per Unit	Total Subsidy	Avg. Subsidy
		Drilled Wells	Dug Wells	Other Sour- ces				
ALGOMA								
Year ending March 31, 1953	4	2		2	2449.40	612.35	706.19	176.55
Year ending March 31, 1954	8	4		4	14911.66	613.58	1555.39	194.42
COCHRANE								
Year ending March 31, 1953	62	39	10	13	37791.51	612.77	11822.70	190.69
Year ending March 31, 1954	64	48	7	9	43979.23	687.13	13357.54	208.71
MANITCULIN								
Year ending March 31, 1953	2	2			550.25	275.12	75.12	37.56
Year ending March 31, 1954	3	1	1	1	1621.76	540.59	470.25	156.75
MUSKOKA								
Year ending March 31, 1953	2	1		1	995.98	497.99	297.99	148.99
Year ending March 31, 1954	2			2	1686.25	843.12	600.00	300.00
NIPISSING								
Year ending March 31, 1953	3	8			4150.95	518.87	1270.97	158.87
Year ending March 31, 1954	17	8	3	6	10553.74	620.80	3360.57	197.68
PARRY SOUND								
Year ending March 31, 1953	1			1	1150.23	1150.23	300.00	300.00
Year ending March 31, 1954	2			2	1182.60	591.30	391.29	195.65
RAINY RIVER								
Year ending March 31, 1953	3	2	1		1028.25	346.08	219.12	73.04
Year ending March 31, 1954	2	2			823.57	411.78	212.23	107.14
SUDBURY								
Year ending March 31, 1953	14	9	3	2	7722.94	556.64	2419.36	172.81
Year ending March 31, 1954	11	1	6	4	6472.05	587.55	1116.20	192.23
TEMISKAMING								
Year ending March 31, 1953	9	7	2		6507.26	723.03	1955.84	217.32
Year ending March 31, 1954	40	40			31093.90	777.35	10551.67	263.79
THUNDER BAY								
Year ending March 31, 1953	17	6	9	2	9111.02	535.94	2724.92	160.29
Year ending March 31, 1954	28	13	6	4	19195.43	685.55	6729.12	204.61

1. Ont. Dept. Agric. Reports for the year ending March 31st. 1953, and March 31st. 1954.

## Population

The assessed population of Ontario in 1954 was 4,841,887<sup>1</sup>, an increase of almost 8 percent over the 1952 figures.

## GROUND WATER

### Source

Ground water occurs everywhere at varying depths below the surface of the ground. Its source is precipitation--rain and snow. Approximately one third of the precipitation in any area becomes available as surface run off and ground water.<sup>2</sup> The rest is returned to the atmosphere by evaporation from the soil and vegetation and by transpiration. Precipitation averages over thirty inches annually in most parts of Ontario. One third of this amounts to 145 million gallons on each square mile of land surface. Perhaps one half of this is available as ground water before it discharges to a stream or lake. In sandy areas the rate of infiltration will be high in comparison with clay areas where there is a higher proportion of direct run off.

Numerous factors, such as the amount and intensity of rainfall, nature of soil and vegetation, slope of land surface, and wind and temperature conditions are important to an understanding of the amount of precipitation that may become ground water. Before large withdrawals of ground water are planned in an area an attempt should be made to estimate the average perennial recharge to the aquifer. If this is done, aquifers will not be dried up nor costly pumping installations wasted.

### Aquifer Conditions

A water-bearing formation that will yield the water to a well in desirable quantities is called an aquifer. However, if the water-saturated materials are clay, silt and fine sand, it is difficult to extract sufficient water by means of a well. Such fine soil particles may hold great quantities of water but have such a low permeability that ground water will not move through them into a well quickly enough to meet normal household requirements.

Coarse, well sorted, sand and gravel make excellent aquifers. Rock formations that are well fractured or contain numerous solution channels in them are also good water-yielding formations. Frequently, saturated lenses of sand or gravel occur close to the surface of the ground being sustained above the water table by a clay or silt layer. More than one of these may be present in an area above the main saturated zone. Dug wells frequently reach only this upper, perched water table which is subject to considerable fluctuation in water level and may even dry up completely in the late summer and fall of each year.

1. Municipal Directory, 1954, Department of Municipal Affairs.

2. L.B. Leopold, "Water and the Conservation Movement." G.S.C.402, Washington, D.C.

TABLE II- OBSERVATION WELLS MEASURED IN 1953 AND 1954 BY THE ONTARIO DEPARTMENT OF MINES

Location	Well No.	Well Located on Property owned by	Water Levels Measured by	Dates		Well Depth	Aquifer
				Measurements Commenced	Measurements Discontinued		
CARLETON COUNTY: Ottawa Central Experimental Farm	73	Canadian Dept. Agriculture	F.W.Baker	Oct. 4, 1946		13	Over- burden
DUFFERIN COUNTY: East Luther Twp. Con.IV lot 29	46	I.Potter	I.Potter	Nov.27,1953		35	Sand
HALDIMAND COUNTY: North Cayuga Twp. Jones tract, lot 23	5	Canadian Dept. of Transport	C.W.Beckerson	Jun.29,1946		125	Lime- stone
North Cayuga Twp. Jones tract, lot 23	64	Canadian Dept. of Transport	C.W.Beckerson	Apr.15,1954		100	Lime- stone
HALTON COUNTY: Trafalgar Twp. Con.III, lot 14	38	C.Wilson	C.Wilson	Sep.14,1946		12½	Over- burden
LAMBTON COUNTY: Forest	56	Forest Public Utilities Comm.	S.Ellerker	Nov.28,1946		110	Sand, gravel
MIDDLESEX COUNTY: London, Adelaide St.	15	London Public Utilities Comm.	O.W.Logan	Jul.30,1946		40	Sand, gravel
Westminster Twp. Con.II, lot 48 "Adair"	16	London Public Utilities Comm.	O.W.Logan	Jul.30,1946		94	Sand, gravel
Westminster Twp. Con.II, lot 48 "Uptigrove"	29	G.Uptigrove	O.W.Logan	Jan.24,1952		96	Sand, gravel
NORFOLK COUNTY: Simcoe	25	Simcoe Public Utilities Comm.	G.E.Maxwell	Oct. 1, 1954		45	Gravel
OXFORD COUNTY: West Oxford Twp. Con.III, lot 2	13	Woodstock Public Utilities Comm.	N.Corp	Jul. 5, 1946		75	Gravel

TABLE II- OBSERVATION WELLS MEASURED IN 1953 AND 1954 BY THE ONTARIO DEPARTMENT OF MINES - continued

Location	Well No.	Well Located on Property owned by	Water Levels Measured by	Dates		Well Depth	Aquifer
				Measurements Commenced	Measurements Discontinued		
PEEL COUNTY:							
Brampton	18	Dale Estate, Ltd.	A.K. Watt	Apr. 18, 1952		30	Overburden
Toronto Twp. Range III, CIR, lot 12	65	JA/OM Schnick	O.M. Schnick	Jun. 4, 1954		27	Sand, gravel
Toronto Twp. Range III, CIR, lot 12	69	Sherman Sand and Gravel Ltd.	D. Sherman	Jul. 26, 1954		42	Sand, gravel
Toronto Twp. Range III, CIR, lot 12	70	Sherman Sand and Gravel Ltd.	D. Sherman	Jul. 26, 1954		30	Sand, gravel
PERTH COUNTY:							
Stratford	19	Stratford Public Utilities Comm.	Employees of Public Utilities Commission	Oct. 26, 1946		350	Limestone
Blanshard Twp. West Boundary con, lot 11	44	Canadian Dept. of National Defense	R.C.A.F. personnel	Oct. 7, 1952		37½	Sand, gravel
SIMCOE COUNTY:							
Angus	7	Ontario Dept. of Lands and Forests (seed plant)	E.A. Lewis	Jun. 6, 1950		20	Sand
THUNDER BAY DISTRICT:							
Paipoongenge Twp. Con. II, lot 13	74	C. Hanna	J.K. Knights	Jun. 3, 1948		30	Sand
WATERLOO COUNTY:							
Elmira	32	Elmira Public Utilities Comm.	Employees of Public Utilities Commission	Nov. 30, 1946		118	Sand, gravel
Elmira	33	Elmira Public Utilities Comm.	Employees of Public Utilities Commission	Nov. 30, 1946		59	Sand, gravel
Kitchener, Shoemaker St.	34	Kitchener Public Utilities Comm.	J.S. Leslie	Sep. 11, 1946		370	Dolomite
Kitchener, Shoemaker St.	35	Kitchener Public Utilities Comm.	J.S. Leslie	Sep. 11, 1946		196	Dolomite

TABLE II- OBSERVATION WELLS MEASURED IN 1953 AND 1954 BY THE DEPARTMENT OF MINES - continued

Location	Well No.	Well Located on Property owned by	Water Levels Measured by	Dates		Well Depth	Aquifer
				Measurements Commenced	Measurements Discontinued		
WATERLOO COUNTY-contd. Kitchener Strange St.	59	Kitchener Public Utilities Comm.	E.G.Boeckner	Nov.29,1946		202	Dolomite
WELLAND COUNTY: Humberstone Twp. Con.I, lot 15	2	W.R.Davison	W.R.Davison	Jun.13,1946		32½	Lime-stone
Pelham Twp. Con.VIII, lot 5	3	F.Misener	F.Misener	Jun.13,1946		21	Sand
WELLINGTON COUNTY: Nichol Twp. Con.V, lot 10	43	O.M.McConkey	O.M.McConkey	Jan.10,1953		30	Over-burden
Guelph, (City)	47	Guelph Public Utilities Comm.	H.Theaker	Feb. 4,1954		152	Dolomite
7 Guelph, (City)	48	Guelph Public Utilities Comm.	H.Theaker	Feb. 4,1954		202	Dolomite
YORK COUNTY: Markham Twp. Con.III, lot 3	6	North York Public Utilities Comm.	W.Gourlay	Sep.13,1951		139	Sand, gravel
North York Twp. Con.III, lot 9	20	Kilmer van Nostrand,Ltd.	I.A.Robertson & A.K.Watt	Aug. 1,1947		211	Over-burden
Etobicoke Twp. Con.II,fronting on the Humber,lot 13	40	Twp.of Etobicoke	S.Parker	Dec. 9,1954		105	Gravel
Etobicoke Twp. Con.II,fronting on the Humber, lot 13	42	Twp.of Etobicoke	S.Parker	Apr.13,1950		105	Sand, Gravel

## Drilled and Dug Wells

As a rule a more dependable water supply can be obtained by means of the drilled well which reaches lower aquifers less likely to be affected by seasonal variations in precipitation. The dug well is important, however, in areas where drilled wells are deep and costly to construct, or where only poor quality water is obtained at depth. The larger reservoir of the dug well can store water percolating slowly into the well from low permeable lenses and thus provide sufficient water periodically.

Generally, the dug well is not constructed in a sanitary manner. Contaminated waters occur in a high proportion of them. This is the result of rain water entering the well through cracks or openings at the top where all kinds of contaminated materials exist. Dug wells should be constructed to prevent surface water getting into the well from the top. In addition to the use of watertight materials, the ground surface should slope away from the well top which should be raised above the ground surface.

## Observation Wells

The measurement of water levels in wells at regular intervals is an important part of the inventory of our ground-water resources. Along with other data on pumpages and aquifer conditions this information is needed in order to know the amount of ground water available in the aquifer at any time.

Information on ground water levels is especially important to municipalities where the water supply is obtained from wells. Water level measurements should be taken by anyone who is concerned about the amount of ground water available for use in order that a better understanding of the well supply can be obtained.

A slowly dropping static water level may indicate over pumping of the aquifer, less than average precipitation conditions, additional ground-water withdrawals, or reduced recharge because of changing soil or vegetation conditions in the area. A lower pumping level with normal static level indicates a plugging of the openings leading into a well. The plugging could occur in the screen where a well is developed in sand or gravel, or it could occur in the crevices of a rock formation because of the gradual sealing of the openings with a lime or ferruginous scale which has precipitated from the water. In the latter case, the well may be rehabilitated in a variety of ways to remove the scale.

In overburden wells where no screen was used at the time the well was constructed, sand may move up the casing over a period of time and gradually reduce the yield of the well. In this case, also, the static level remains normal but the pumping level is lowered.

At the end of 1952, 24 wells were being used as observation wells. Two additional wells were included in the programme in 1953, and seven in 1954, making a total of 33 observation wells at the end of 1954. Measurements of water-level variations were taken in 10 of the wells by means of automatic recorders, in 21 by hand, and in two by airline.

Table 11 lists the observation wells under the counties in which they are located. Other observation-well data and individual water-level measurements are given in Appendix A. All measurements have been corrected to give the distance between the land surface at the well head and the top of the water in the well.

## Water Level Fluctuations

Hydrographs have been prepared showing water-level variations in a number of the wells that have been under observation for several years. Wherever possible, data on such factors as precipitation, pumpages, and stream flow which influence to a greater or lesser degree adjacent observation wells, are included in the hydrographs.

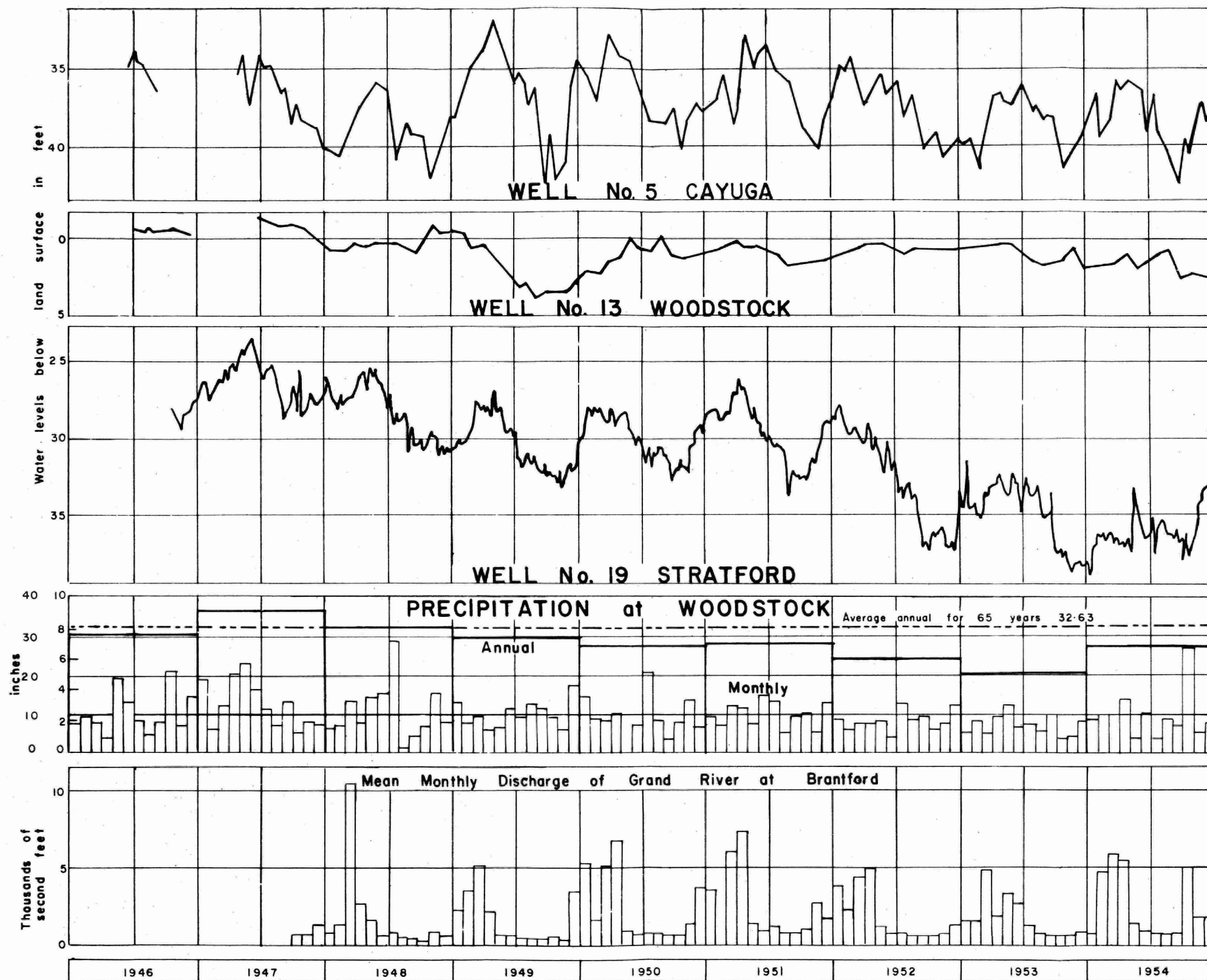
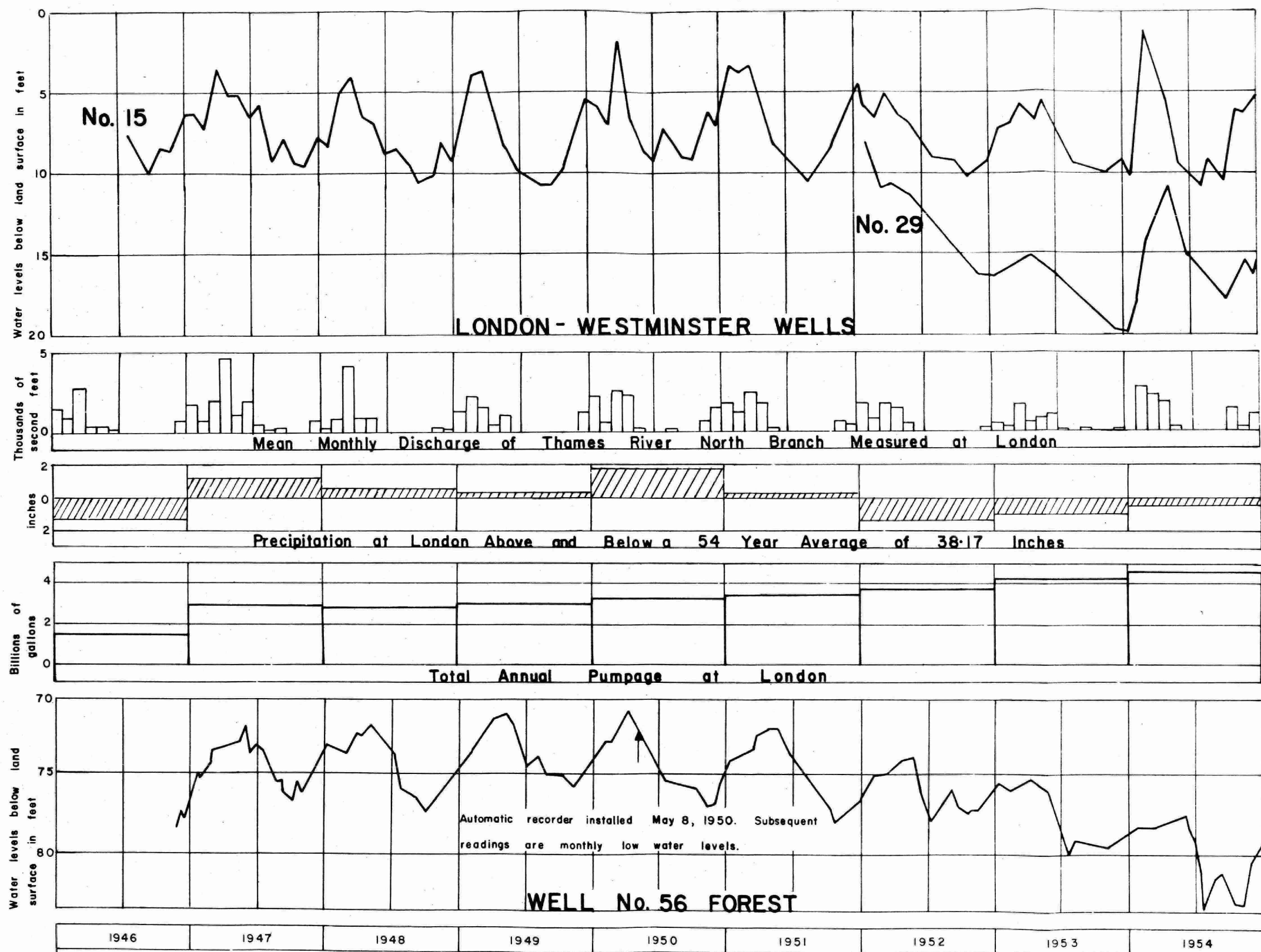


Fig.1. Hydrographs of Water Levels in Observation Wells at Cayuga , Woodstock and Stratford



**Fig.2. Hydrographs of Water Levels in Observation Wells at London, Westminster and Forest**



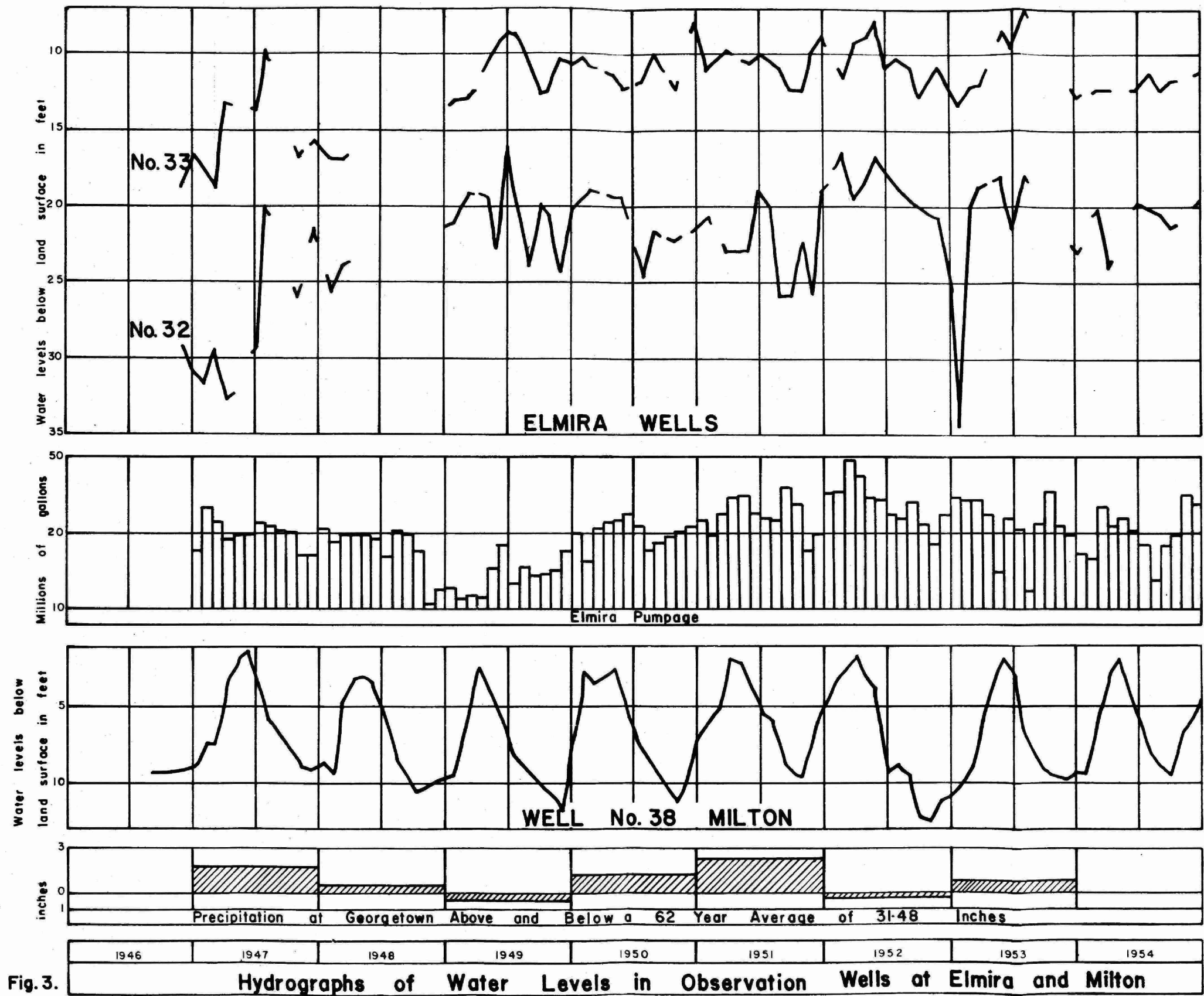


Fig. 3.

Hydrographs of Water Levels in Observation Wells at Elmira and Milton

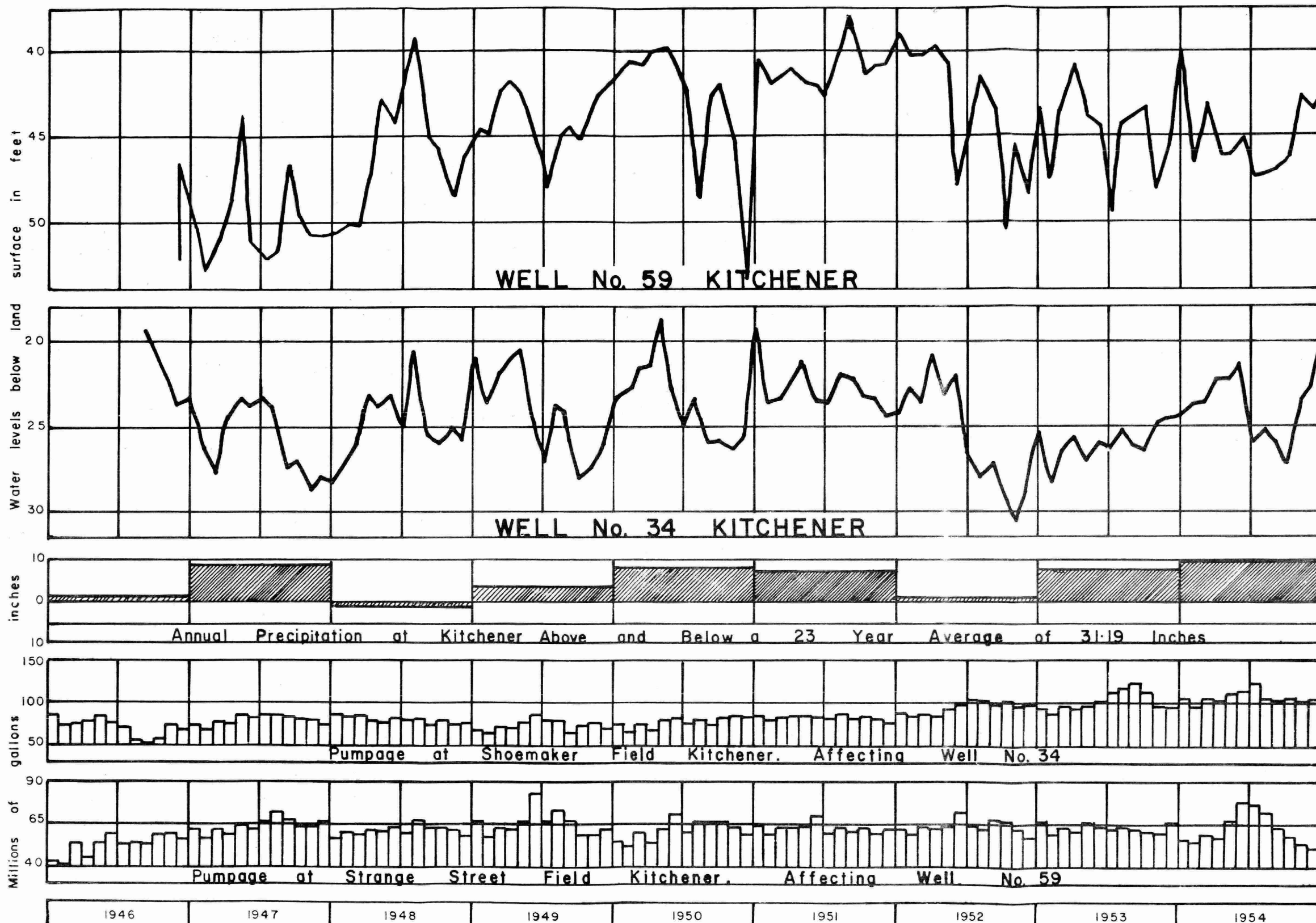


Fig. 4. Hydrographs of Water Levels in Observation Wells at Kitchener

The ground-water balance is in favour of recharge during most fall, winter and spring periods. The ground-water levels, therefore, normally rise during these seasons. In the summer and early fall, the amount of precipitation intercepted by the plants and soil is usually so great that little, if any, is left to reach the saturated zones below the ground surface, which supply the wells and springs. As a result, although the amount of precipitation may be equal to, or greater than, that at other seasons of the year, the ground-water levels usually drop during this period.

Water-level variations in observation wells at Cayuga, Woodstock and Stratford are shown graphically in Figure 1. Little variation is noticed in the Woodstock well, but trends to lower levels are apparent in both the Cayuga and Stratford wells. An important factor in the lowering could be below-normal precipitation which is indicated on the graph as having persisted in the Woodstock area since 1949.

In Figure 2, hydrographs of water levels in wells in London, Westminster Township and Forest are shown. The correlation between the flow in the Thames River and recharge to wells near the river and its tributary is apparent. Since 1950 a definite downward trend in the water level in the Forest observation well is noticeable.

In Figure 3, hydrographs of water levels in overburden wells at Elmira and Milton are shown. The Elmira observation wells are in the well field but show no trend towards lowered static levels. The variations in water level in the Milton well are typical of dug wells having limited recharge conditions. Frequently wells of this type are out of water during periods in the summer or fall months.

Hydrographs of water levels in observation wells at Kitchener are shown in Figure 4. The considerable variation in water level which occurs each year in the vicinity of the two pumping stations suggest fairly rapid recharge and discharge conditions. Above-normal precipitation affects water levels usually within the year, while ground-water discharge to wells and streams during the summer months when recharge is negligible is reflected by the rapidly lowering water levels.

#### The Hydro-Electric Power Commission of Ontario

The Hydro-Electric Power Commission of Ontario set up a number of observation wells in 1948 and 1949 to study the effect of ground-water levels on the operation of storage basins and generating stations.

Table III lists certain particulars of these wells. A copy of all the water-level measurements is available for reference at the Ontario Water Resources Commission offices in Toronto.

#### Drillers Licensed to Drill in 1953 and 1954

In Appendix B is a list of water-well drillers licensed during the period 1953-54. The drillers are listed separately or under a drilling firm name, if such a relationship existed. In some instances a driller's name appears under two drilling firms due to a change in employment during the two-year period. A driller's name will also be listed separately as well as with a firm, if he has made a move from employment by another into business for himself. The number of drillers licensed in 1954 was 549 compared to 476 in 1952.

Due to the numerous changes of employment the wells reported by the drillers may not all be listed under the proper contractor or drilling firm. The number of wells or test-holes drilled each year is indicated opposite the partnership, firm, or employer's name, where such a relationship existed, in preference to the licensed driller who may actually have done the work. This number corresponds to the total number of records filed with the Department each year.

No fee was charged for a water-well driller's license. It was issued and renewed annually to those who observe the Well Drillers Act, and the Water Well Regulations.

TABLE III- OBSERVATION WELLS MEASURED IN 1953 AND 1954  
BY THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO\*

Drainage Area	Watershed	Location	Measurements of Water Levels Commenced
Lake Huron	Mississagi River (Abitibi River	George W. Rayner generating station Abitibi Canyon generating station	Dec. 15, 1952 Oct. 14, 1951
Moose River..(	( (Frederick House River(	(Frederick House dam (Night Hawk Centre (Shillington (South Porcupine	Jul. 12, 1948 Aug. 9, 1948 Aug. 9, 1948 Aug. 9, 1948
Ottawa River	Madawaska River..... (	(Algonquin Park headquarters (Bancroft (Bark Lake Dam (Carlow	Oct. 21, 1949 Nov. 12, 1949 Nov. 7, 1949 Nov. 18, 1949
	(	(Prince's Lake (Lacroule Bay (Whitney	Oct. 29, 1949 Nov. 26, 1949 Oct. 28, 1949
Winnipeg River	English River ..... (	(Ear Falls No. 2 (Ear Falls No. 4 (Lower Manitou Falls No. 1 (Lower Manitou Falls No. 2 (Lower Manitou Falls No. 3	Mar. 22, 1954 Mar. 22, 1954 Mar. 22, 1954 Mar. 22, 1954 Mar. 22, 1954

\*Data supplied by the Hydro-Electric Power Commission of Ontario.

### Water Well Records

Records for 9,701 water wells were forwarded by the drillers during the two-year period, 1953 - 1954. They are available to the public for reference at the offices of the Ontario Water Resources Commission, in Toronto.

Most of the important information from the records has been compiled in Appendix C and summarized in Table IV. Any obvious errors in the records have been corrected by the staff of the Ground Water Branch. The spelling of the names of property owners is given as supplied by the well drillers. The logs have rarely been changed. The very few exceptions dealt mostly with long logs where a repetition of formations could fit under one description.

The locations of some wells may be listed in parts of townships which have been annexed to another municipality since the wells were drilled.

The pumping test, reported in gallons per minute, was not necessarily the rate at which the well could continue to supply water. Some of the wells might soon have been pumped dry at the reported rates. Others may have been capable of being pumped steadily at a much higher rate than that carried out in the pumping test.

The percentage of fresh, mineral and dry wells remained approximately the same as in the previous two year period.

Wellwater intended for use in churches, schools, hotels, and buildings generally occupied by several families or groups of people, was classified as public supply under the "Use" heading. Water used in garages, stores, and restaurants was classed as commercial; in greenhouses, dairies, and market gardens, as industrial.

Many test-holes had no water data recorded. In most, if not all, of these holes some water was encountered, but as a large supply was being sought, usually for municipal purposes, no attempt was made to measure any flow where the formation or water conditions appeared unfavourable.

Almost seven percent of the holes drilled for water were dry or abandoned because of poor quality of water or insufficient supply. This percentage was approximately the same as in the previous two year period with the three counties of Kent, Lambton and York still having the greatest number of abandoned wells.

The trend towards more wells for irrigation purposes continued with twice as many wells drilled in 1953-54 than in the previous two year period.

TABLE IV - SUMMARY OF WATER-WELL DRILLING DATA FOR 1953 AND 1954

County or District	Total Number of Wells drilled	CLASSIFICATION OF WELLS DRILLED														
		Water-bearing Formation			Type of Water					Use						
		Over- burden	Bedrock	Not Indi- cated	Fresh	Salt	Sul- phur	Min- eral	Not Indi- cated	Domes- tic or Stock	Public Supply	Comm- ercial	Indus-Irri- gation	Test Hole	Not Indi- cated	Dry Holes or Abandoned Wells
Algoma	71	57	5	1	63					59	1		1			10
Brant	82	36	41		68	1	7	1		60	7	5	2	1		6
Bruce	144	10	132		135	3	4			131	10					3
Carleton	1,094	75	1,017		1,053	4	33	1		1,020	37	20	10	1	2	7
Cochrane	105	45	45		90					74	9	1		16		5
Dufferin	37	5	31		36					33	1	3				1
Dundas	61	9	52		60	1				54	4	1	2			
Durham	171	148	23		170			1		152	10	3	3	2	1	
Elgin	95	64	10		60		8		6	51	6	3	1	32		4
Essex	425	85	328		317	5	81	9	4	345	22	6	30	24	2	17
Frontenac	357	1	338		314	4	17	4		299	36	3	1			18
Glengarry	59	25	33		58					48	8	3	1		1	1
Grenville	92	2	90		92					81	8	1	3			
Grey	199	19	178		191		5	1		170	17	7	2			5
Haldimand	78	7	67		54		19	1		62	4	3	1	1		7
Haliburton	20	4	15		19					12	5	1				3
Halton	179	33	144		164	6	4	2	1	140	17	8	3		6	6
Hastings	275	21	220		212	5	23	2		190	27	16	8			35
Huron	115	2	110		107		5			100	11	1		2		1
Kenora	2		2		2					2						
Kent	552	219	137		345	9	2	2	1	311	12	8	3	1	3	216
Lambton	283	52	165		186	7	19		5	167	21	1	1	16		77
Lanark	128	2	126		128					108	8	10	2			
Leeds	284	2	280		280				2	254	21	8	2			3
Lennox and Addington	131	6	100		87	5	14			97	2	2	1		1	28
Lincoln	142	21	121		129	13				125	8	4	3		1	2
Manitoulin	36	3	32		31	1	3			24	9	2				1

- continued -

TABLE IV - SUMMARY OF WATER-WELL DRILLING DATA FOR 1953 AND 1954

-continued-

County or District	Total Number of Wells drilled	CLASSIFICATION OF WELLS DRILLED															
		Water-bearing Formation			Type of Water					Use							
		Over- burden	Bedrock	Not Indi- cated	Fresh	Sul- phur	Min- eral	Not indi- cated	Domes- tic or Stock	Public Supply	Comm- ercial	Indus- trial	Irri- gation	Test Hole	Not Indi- cated	Dry Holes or Abandoned Wells	
Middlesex	316	194	70		240	2	20		3	185	43	7	2	4	54		25
Muskoka	28	7	19		25				1	20	4		1				3
Nipissing	47	10	31		41					28	12	1	1		4		2
Norfolk	89	58	26		78		6			69	5	2	1	8			5
Northumber- land	131	53	68		114		7			110	9		2				10
Ontario	157	123	21		140	1	4			131	8	4	1		4		12
Oxford	209	75	132		198	1	6	2		191	11	1	3				3
Parry Sound	46	3	42		45					43	3						1
Peel	171	56	109		143	17	2		3	141	7	9	2		1		14
Perth	94	5	89		93				1	79	6	2	6			1	
Peterborough	303	152	147		294		4		1	275	14	7	4				4
Prescott	54	16	33		43	3	2	1		45	3	1					5
Prince Edward	86	1	66		59	2	4	1	1	64	2		1				19
Renfrew	96	11	82		92		1			76	11	4	3			1	3
Russell	87	37	43		65	4	6	2	3	67	6	2	1				11
Simcoe	172	115	49		162		1		1	139	20	4	1				9
Stormont	73	26	44		64		4	1	1	58	11		1				3
Sudbury	68	17	14		25				6	11	5		1		45		6
Thunder Bay	24	20	3		19	4				19	2					2	1
Temiskaming	58	21	31		48			2	2	48	3	2					6
Victoria	170	51	114		156		9			152	5	3	1				9
Waterloo	152	69	81		136		11	3		120	19	4	7				2
Welland	269	11	257		218		49	1		241	21	6	2				2
Wellington	212	14	198		206		6			178	22	3	5	3	2	1	1
Wentworth	686	37	643		644	3	29	2	2	627	25	12	6		2	1	13
York	686	563	59		609	11	2		2	522	42	26	3	1	54		41
TOTAL	9,701	2,698	6,313	1	8,408	112	417	39	46	7,808	640	220	135	46	247	14	666

# APPENDICES

- A - Observation Wells and Water-Level Measurements, 1953 and 1954
- B - Drillers Licensed and Number of Wells Drilled, 1953 and 1954
- C - Records for Water Wells Drilled in 1953 and 1954

## APPENDIX A - OBSERVATION WELLS AND WATER-LEVEL MEASUREMENTS

1953 and 1954

### Carleton County

Observation Well No.73.- Canadian Department of Agriculture, Central Experimental Farm, Ottawa, Rideau River watershed. Abandoned dug well; depth, 13 feet. Automatic weekly recorded installed September 18, 1950. Measuring point, top of wooden plank 2.7 feet above land surface. Measurements made by F.W.Baker.

Daily lowest water level below land surface  
(from recorder charts):

1953

Day	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	...	2.70	3.31	3.91	4.85	5.23	4.92	...	...
2	...	2.70	3.35	3.92	4.89	5.26	4.93	...	...
3	...	...	3.37	3.97	4.92	5.29	4.92	5.22	...
4	...	...	3.39	4.02	4.93	5.31	4.91	5.28	...
5	...	2.71	3.44	4.04	4.90	5.33	4.91	5.33	...
6	...	2.76	3.44	4.05	4.82	5.34	4.90	5.35	...
7	...	2.79	3.39	4.02	4.83	5.35	...	5.35	5.44
8	...	2.80	3.40	4.06	4.86	5.38	...	5.35	5.46
9	...	2.84	3.36	4.11	4.90	...	4.88	...	5.46
10	...	2.87	3.35	...	4.91	...	4.89	...	5.42
11	...	2.89	3.36	...	4.85	...	4.88	...	5.35
12	...	2.92	3.41	...	...	...	4.92	...	5.29
13	2.71	2.99	3.43	4.23	4.86	...	4.93	5.36	5.24
14	2.74	3.02	3.45	4.27	4.87	...	4.92	5.36	...
15	2.78	3.02	3.48	4.31	4.91	...	4.90	5.33	...
16	2.78	3.02	3.50	4.35	4.94	...	...	5.34	...
17	2.74	3.02	3.52	4.37	4.96	5.66	...	5.36	...
18	2.76	3.02	3.55	4.40	4.97	5.67	...	5.37	...
19	2.79	3.02	3.56	4.45	5.00	5.66	...	5.38	...
20	2.79	3.03	3.58	4.48	5.03	5.66	...	5.38	...
21	2.81	3.04	3.59	4.52	5.06	5.42	5.01	...	...
22	2.83	3.05	3.63	4.54	5.08	5.17	5.02	...	...
23	2.81	3.10	3.68	4.56	5.10	5.10	5.01	...	...
24	2.80	3.12	3.72	4.64	5.14	5.05	5.03	5.38	...
25	2.78	3.14	3.74	4.66	5.18	...	5.06	5.38	...
26	2.75	3.16	3.77	4.66	5.20	...	5.08	5.42	...
27	2.70	3.19	3.80	4.66	5.23	...	5.09	5.44	...
28	2.69	...	3.82	4.71	...	...	5.09	5.46	...
29	2.64	3.24	3.85	4.71	...	4.92	...	5.47	...
30	2.69	3.25	3.87	4.76	...	4.93	...	5.47	...
31	...	3.27	...	4.81	...	...	...	...	...



Daily lowest water level below land surface  
(from recorder charts):  
1954

Day	May	June	July	Aug.	Sept.	Oct.	Nov.
	feet	feet	feet	feet	feet	feet	feet
1	...	...	2.10	2.85	2.96	2.00	2.09
2	...	...	...	2.86	2.96	2.00	2.10
3	...	1.69	...	2.87	3.11	1.99	2.09
4	...	1.68	...	2.88	3.18	1.92	1.92
5	...	1.54	2.19	...	3.15	1.95	1.94
6	...	1.74	2.19	...	3.10	1.98	1.01
7	1.05	1.84	2.25	...	3.07	2.00	1.07
8	1.09	1.84	2.30	...	3.10	2.00	0.35
9	1.15	1.85	2.45	...	3.10	1.99	0.70
10	1.21	1.85	2.48	2.88	...	1.94	0.89
11	1.23	1.97	2.49	2.93	...	1.93	...
12	1.26	1.98	2.48	2.96	...	1.83	...
13	1.31	1.95	2.50	2.98	...	1.54	...
14	1.38	1.98	2.50	2.92	3.08	1.51	...
15	1.42	1.96	2.55	...	3.03	1.51	2.44
16	1.44	...	...	...	3.00	1.44	2.51
17	1.49	...	...	...	2.96	1.49	2.60
18	1.53	1.95	...	...	2.93	1.52	2.65
19	1.55	1.98	...	...	2.81	1.53	2.65
20	1.55	2.02	...	3.04	2.77	1.53	2.53
21	1.65	2.06	...	3.06	...	1.56	2.45
22	1.66	2.07	2.61	3.09	...	1.61	...
23	1.63	2.08	2.62	3.09	...	...	...
24	...	2.10	2.65	3.07	2.67	...	...
25	...	2.13	2.67	3.06	2.67	...	...
26	...	2.14	2.72	...	2.63	...	...
27	...	2.12	2.70	3.10	2.61	...	...
28	...	2.06	2.69	3.12	2.56	...	...
29	...	2.07	2.72	3.12	2.57	1.90	...
30	...	2.10	2.76	3.10	...	1.98	...
31	...	...	2.79	3.19	...	2.06	...

Dufferin County

Observation Well No.46 - East Luther township, Con.IV, lot 29,Grand River watershed. Property of I.Potter. Used dug and bored well; dug part: diameter, 3 feet; depth, 20 feet; bored part: diameter, 2 inches; depth 15 feet; depth of well, 35 feet; sand aquifer. Measuring point, top of wooden planking 1 foot above land surface. Measurements made by I.Potter.

Distances of water level below (-) and above (+) land surface:

1953

		Feet
Nov. 27	-	6.00
Dec. 8	-	5.45
Dec. 21	-	4.58

1954

	Feet		Feet
Jan. 9	- 4.33	July 6	- 3.08
Jan. 19	- 4.52	July 14	- 3.38
Feb. 3	- 4.42	Jul. 31	- 4.09
Feb. 17	- 3.26	Aug. 16	- 4.86
Feb. 25	- 1.69	Aug. 28	- 5.42
Mar. 4	- 1.77	Sep. 10	- 6.01
Mar. 16	- 1.45	Sep. 22	- 6.51
Mar. 29	- 0.40	Sep. 30	- 6.85
Apr. 6	- 0.06	Oct. 6	- 6.70
Apr. 12	- 0.71	Oct. 18	- 2.05
Apr. 30	+ 0.33	Oct. 25	- 1.48
May 5	+ 0.09	Nov. 3	- 1.23
May 20	- 0.74	Nov. 20	- 0.96
June 1	- 1.46	Dec. 1	- 0.97
June 17	- 2.35	Dec. 9	- 0.86
		Dec. 23	- 1.29
		Dec. 31	- 1.26



### Haldimand County

Observation Well No.5 - North Cayuga township, Jones tract, lot 23, Grand River watershed. Property of the Canadian Department of Transport. Haldimand Rural Youth and Agricultural Centre. Used drilled well; diameter, 1 foot; depth, 125 feet; limestone aquifer. Elevation, 667 feet above sea level. Measuring point top of collar 1 foot above land surface. Measurements made by C. W. Beckerson.

#### Distances of water level below land surface:

1953				1954			
	Feet		Feet		Feet		Feet
Jan. 1	39.52	Jul. 1	35.90	Jan. 1	38.67	July 1	38.81
Jan. 15	39.85	July 15	37.18	Jan. 15	37.75	July 15	36.69
Feb. 2	39.89	Aug. 3	37.85	Feb. 1	36.65	Aug. 1	38.76
Feb. 16	39.58	Aug. 15	37.42	Feb. 15	39.49	Aug. 16	39.54
Mar. 2	41.76	Sept. 1	38.31	Mar. 3	38.65	Sept. 1	40.53
Mar. 15	40.16	Sept. 14	38.02	Mar. 15	38.22		
Apr. 1	38.23	Oct. 3	38.17	Apr. 1	35.58	Oct. 1	42.61
Apr. 15	36.79	Oct. 15	40.05	Apr. 15	36.29	Oct. 15	39.47
May 1	36.46	Nov. 2	41.55	May 1	35.79	Nov. 1	40.82
May 15	37.11	Nov. 15	40.87	May 15	35.84	Nov. 15	38.79
June 3	37.36	Dec. 1	40.13	June 1	35.99	Dec. 1	37.03
June 15	37.16	Dec. 15	39.76	June 15	36.31	Dec. 15	38.38

Observation Well No.64 - North Cayuga township, Jones tract, lot 23, Grand River watershed. Property of the Canadian Department of Transport. Haldimand Rural Youth and Agricultural Centre. Drilled well; diameter, 5 3/8 inches; depth, 100 feet; limestone aquifer. Elevation, 669 feet above sea level. Measuring point top of casing 0 feet above land surface. Measurements made by C. W. Beckerson.

#### Distances of water level below land surface:

1954			
	Feet		Feet
Apr. 15	29.64	Aug. 1	28.64
May 1	28.33	Aug. 16	29.55
May 15	29.29	Sept. 1	30.54
June 1	30.12	Oct. 1	31.20
June 15	29.71	Oct. 15	31.12
July 1	28.31	Nov. 1	31.22
July 15	26.58	Nov. 15	29.61
		Dec. 1	28.13

### Halton County

Observation Well No.38 -Trafalgar township, Con III, lot 14, Oakville Creek watershed. Property of C.Wilson. Seldom used dug well; diameter 4 feet; depth, 12.5 feet. Elevation, 674 feet above sea level. Measuring point, top of wooden planking 1 foot above land surface. Measurements made by C. Wilson.

#### Distances of water level below land surface:

1953				1954			
	Feet		Feet		Feet		Feet
Jan. 2	10.88			Jan. 2	9.26		
Feb. 2	9.96			Feb. 3	9.29		
Mar. 2	9.02			Mar. 1	5.98		
Apr. 1	6.29			Apr. 2	2.91		
May 3	3.39			May 2	1.93		
June 1	1.86			June 1	4.25		
July 2	2.93			July 2	6.26		
Aug. 2	6.04			Aug. 2	8.03		
Sept. 2	7.87			Sept. 1	9.01		
Oct. 2	9.18			Oct. 2	9.57		
Nov. 1	9.61			Nov. 2	6.68		
Dec. 2	9.81			Dec. 1	5.81		

# Lambton County

Observation Well No.56. - Town of Forest, Hickory Creek watershed. Property of Public Utilities Commission. Abandoned municipal drilled well; diameter 6 inches; depth, 110 feet. Overburden aquifer. Measuring point, top of pump base 1.63 feet above land surface. Weekly automatic recorder installed on May 8, 1950. Measurements made by S. Ellerker.

Daily lowest water level below land surface (from recorder charts):  
1953

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	75.37	75.64	75.55	....	74.77	75.01	....	79.32	79.11	79.02	78.29	....
2	74.87	75.37	75.52	....	74.83	75.04	....	77.94	79.32	79.14	78.29	....
3	74.65	75.30	75.28	....	75.12	75.10	78.28	77.85	79.26	79.13	79.44	....
4	74.79	75.64	74.78	74.95	75.35	75.12	78.45	77.53	78.90	78.92	79.70	78.22
5	75.17	75.47	75.38	75.06	75.35	74.71	78.02	77.67	79.13	79.53	79.61	78.69
6	75.53	75.35	75.62	75.03	75.91	....	78.37	77.67	78.62	78.61	79.69	78.50
7	....	75.44	75.57	75.21	74.90	....	78.45	77.50	78.55	79.05	....	76.50
8	....	75.31	....	75.37	74.87	74.74	78.45	77.36	79.31	78.82	....	78.64
9	....	75.99	....	74.62	74.98	75.34	78.45	77.27	79.27	78.84	....	78.40
10	....	76.12	75.57	74.47	74.98	75.74	78.45	77.62	78.92	78.84	79.00	78.42
11	....	75.95	75.58	74.92	75.17	75.90	78.29	77.64	78.70	....	79.03	78.45
12	....	....	75.47	74.94	....	75.94	77.92	77.50	78.63	78.68	79.18	78.13
13	....	....	75.23	75.05	75.33	76.04	78.69	77.39	78.27	78.89	79.13	78.38
14	....	....	75.42	75.20	75.28	76.01	78.65	77.09	78.34	78.96	79.05	78.00
15	....	....	74.92	74.69	75.10	76.04	79.14	77.16	78.36	78.93	....	78.38
16	....	....	75.35	74.43	75.10	76.12	79.49	77.08	78.13	79.02	....	78.42
17	75.08	....	75.40	74.81	74.85	76.45	79.57	77.18	78.38	79.33	78.75	78.81
18	74.97	75.33	....	74.87	74.71	77.05	79.57	77.29	78.53	79.22	78.81	78.75
19	75.24	75.55	....	74.53	74.93	77.75	79.64	77.27	78.00	78.97	78.78	78.71
20	75.38	75.55	75.66	74.57	75.04	77.40	79.55	78.17	77.72	78.99	78.64	78.25
21	75.39	75.09	74.74	74.83	....	77.22	79.64	78.21	78.15	79.37	78.53	77.98
22	75.32	75.69	75.32	74.28	74.95	77.95	79.64	78.36	78.84	79.49	....	78.37
23	75.26	75.73	75.42	74.62	75.12	78.12	79.75	78.20	78.90	79.18	77.99	78.54
24	74.67	75.51	75.42	74.91	75.20	78.12	79.92	78.35	78.67	79.05	78.00	78.47
25	....	75.31	75.49	74.55	74.80	77.95	79.93	78.44	....	79.21	77.87	78.02
26	....	....	75.32	....	75.05	77.52	79.82	78.71	78.11	78.83	78.35	78.16
27	74.07	....	75.19	74.97	75.46	77.57	78.86	78.80	78.02	79.01	78.40	78.05
28	75.39	75.14	....	74.58	75.46	77.03	78.69	78.80	78.24	....	78.61	77.98
29	75.29	....	....	74.64	76.25	77.33	78.65	78.82	78.52	....	....	77.84
30	75.47	....	....	74.22	74.75	....	78.60	78.22	78.95	79.44	....	78.04
31	75.25	....	....	....	74.74	....	78.62	78.90	....	78.30	....	77.92

Daily lowest water level below land surface (from recorder charts):  
1954

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	78.12	77.95	77.60	77.98	77.12	77.30	80.42	81.65	....	80.91	82.50	80.48
2	78.02	77.58	77.70	77.67	77.24	....	81.02	82.14	80.49	80.80	82.69	80.19
3	78.25	77.79	77.58	77.98	77.81	76.55	81.04	82.12	80.91	80.54	82.50	79.92
4	78.40	77.71	77.51	....	77.87	77.08	81.04	82.12	81.04	80.62	82.40	79.65
5	78.09	77.79	77.47	....	76.95	77.13	81.05	81.02	80.82	80.62	82.93	80.02
6	77.81	....	....	....	76.83	77.09	81.05	81.11	80.78	81.19	82.42	80.25
7	....	....	....	....	....	77.28	81.04	81.14	80.54	81.22	82.42	79.82
8	....	77.19	....	78.05	....	77.28	....	81.07	80.91	81.15	83.00	79.72
9	77.69	77.37	....	78.09	....	77.30	....	81.77	80.95	80.74	83.00	78.68
10	78.17	77.79	....	77.72	76.88	77.31	....	80.62	80.33	80.69	83.32	79.54
11	77.55	78.20	77.65	77.63	76.68	....	....	80.72	80.74	80.22	82.72	79.77
12	78.01	78.35	77.72	77.70	77.07	....	....	80.77	80.84	80.64	82.33	79.59
13	78.20	78.30	77.50	77.78	77.03	....	....	80.80	80.47	81.20	82.34	79.35
14	78.27	77.73	77.15	77.62	77.03	77.55	....	80.75	80.69	81.29	81.52	79.42
15	78.07	77.80	77.69	77.04	77.03	77.58	....	80.34	80.67	81.16	81.62	78.95
16	77.80	77.84	77.94	....	76.92	78.01	....	80.32	80.72	80.99	81.59	79.34
17	78.07	78.48	78.07	77.12	77.16	78.85	....	80.40	80.80	81.45	81.49	79.35

Daily lowest water level below land surface (from  
recorder charts): 1954 -

continued:

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
18	....	78.40	78.04	77.09	77.11	79.13	....	80.30	80.57	81.80	81.34	78.87
19	77.76	78.37	77.07	77.80	77.16	79.11	....	80.14	80.25	82.62	80.93	78.85
20	77.90	78.29	77.44	77.82	77.34	78.49	....	80.44	80.14	82.55	80.93	79.04
21	78.11	77.71	77.70	77.52	77.41	79.31	81.27	80.72	80.19	82.52	80.79	79.30
22	78.42	78.17	77.52	77.59	77.30	79.12	82.37	80.82	80.79	82.75	80.72	78.94
23	78.24	78.24	77.68	77.61	77.44	79.42	....	80.72	80.92	82.87	80.54	78.50
24	78.01	77.72	78.14	77.44	....	79.42	83.34	81.02	81.03	82.42	80.05	79.05
25	78.05	....	78.09	....	77.14	79.42	82.19	80.73	80.64	82.46	80.24	79.11
26	78.75	77.81	77.95	77.12	77.50	79.39	83.07	80.62	80.12	82.33	80.42	79.01
27	....	77.87	78.08	77.05	77.49	79.12	83.14	80.69	80.17	83.19	80.22	78.97
28	77.95	77.60	77.73	77.32	76.97	78.99	82.99	80.80	80.54	83.50	79.85	78.70
29	78.04	....	77.59	77.23	77.45	78.99	82.09	80.70	80.59	83.69	80.05	78.91
30	77.80	....	77.80	77.52	77.52	79.04	81.98	80.42	80.69	81.93	80.75	78.75
31	78.17	....	77.94	....	77.47	....	81.65	80.54	....	82.22		

Middlesex County

Observation Well No.15 - City of London, Adelaide Street well, Thames River watershed. Property of London Public Utilities Commission. Drilled gauge well, diameter, 2 inches; depth, 40 feet; sand and gravel aquifer. Elevation 786 feet above sea level. Measuring point, top of casing 2 feet above land surface. Measurements made by O. W. Logan.

Distances of water level below land surface:

1953				1954			
	Feet		Feet		Feet		Feet
Jan. 29	7.22	July 31	8.70	Feb. 1	9.95	July 30	10.49
Mar. 4	6.70	Sept. 1	9.50	Mar. 3	1.10	Aug. 26	9.25
Mar. 26	5.77	Oct. 1	9.57	Apr. 30	5.18	Oct. 4	10.45
May 12	6.80	Nov. 2	9.85	June 4	9.22	Nov. 3	6.15
June 3	5.51	Nov. 30	9.82	June 30	10.10	Dec. 1	6.40
July 3	7.10	Dec. 30	9.20				

Observation Well No. 16 - City of London, "Adair" well, Thames River watershed. Property of London Public Utilities Commission. Drilled gauge well; diameter, 2 inches; depth, 94 feet; sand and gravel aquifer. Elevation, 810 feet above sea level. Measuring point, top of casing 0.5 feet above land surface. Measurements made by O. W. Logan.

Distances of water level below land surface:

1953				1954			
	Feet		Feet		Feet		Feet
Jan. 30	20.44	July 28	22.00	Jan. 28	24.42	Oct. 1	22.50
Mar. 2	20.60	Aug. 28	22.32	Feb. 26	20.80	Nov. 3	19.20
Mar. 31	18.40	Sept 29	22.97	May 4	16.56		
May 5	19.85	Oct. 29	23.49				
June 1	20.80	Dec. 2	23.98				
July 7	21.62	Dec. 29	24.15				

Observation Well No.29 - Westminster township, Con II, lot 48, Dingman Creek watershed. Property of G. Uptigrove. Test hole; diameter, 8 inches; depth, 96 feet; sand and gravel aquifer. Measuring point top of casing, 3.59 feet above land surface. Automatic recorder installed Jan. 24,1952. Measurements made by O.W. Logan.

Daily lowest water level below land surface (from  
recorder charts):

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	12.59	11.63	12.06	11.14	11.34	11.73	12.41	13.29	13.84	14.53	15.16	....
2	12.60	11.62	12.09	11.16	11.33	11.73	12.44	13.30	13.86	14.56	15.18	....
3	12.61	11.61	....	11.17	11.32	11.75	12.46	13.31	13.89	14.58	15.21	....
4	12.61	11.61	....	11.18	11.31	11.77	12.48	13.34	13.91	14.60	15.23	....
5	12.62	11.61	....	11.19	11.31	11.78	12.52	13.35	13.94	14.62	15.25	....
6	12.63	11.61	....	11.20	11.31	11.80	12.54	13.37	13.97	14.65	15.27	....
7	12.64	11.61	....	11.21	11.31	11.82	12.58	13.39	13.99	14.67	15.30	....
8	12.65	11.62	....	11.22	11.31	11.85	12.61	13.41	14.01	14.70	15.32	....
9	12.66	11.63	....	11.25	11.31	11.87	12.64	13.43	14.03	14.72	15.34	....
10	12.67	11.64	11.87	11.26	11.32	11.89	12.67	13.45	14.06	14.75	15.36	....
11	12.68	11.65	11.85	11.27	11.33	11.91	12.70	13.47	14.08	14.76	15.38	....
12	12.69	11.66	11.83	11.28	11.34	11.93	12.73	13.49	14.11	14.78	15.40	....
13	12.70	11.67	11.82	11.29	11.35	11.95	12.76	13.49	14.13	14.80	15.42	....
14	12.71	11.68	11.81	11.30	11.36	11.98	12.78	13.50	14.15	14.82	15.43	....
15	12.69	11.69	11.80	11.32	11.37	12.00	12.81	13.51	14.18	14.84	15.45	....
16	12.66	11.71	11.76	11.33	11.38	12.02	12.85	13.52	14.20	14.86	15.47	....
17	12.55	11.73	11.70	11.34	11.42	12.04	12.88	13.55	14.22	14.88	15.48	....
18	12.44	11.76	11.62	11.35	11.43	12.07	12.91	13.57	14.25	14.90	15.50	....
19	12.32	11.78	11.56	11.35	11.46	12.09	12.94	13.58	14.27	14.92	15.52	....
20	12.23	11.81	11.50	11.36	11.48	12.12	12.97	13.59	14.28	14.94	....	....
21	12.14	11.84	11.42	11.35	11.50	12.14	12.99	13.62	14.30	14.95	....	....
22	12.06	11.86	11.35	11.35	11.51	12.16	13.03	13.64	14.33	14.97	....	....
23	12.00	11.89	11.29	11.36	11.53	12.19	13.05	13.66	14.36	15.00	....	....
24	11.94	11.93	11.26	11.37	11.55	12.21	13.08	13.67	14.38	15.02	....	....
25	11.87	11.96	11.22	11.38	11.57	12.24	13.11	13.70	14.41	15.03	....	....
26	11.81	11.98	11.19	11.39	11.59	12.26	13.14	13.72	14.43	15.06	....	....
27	11.76	12.01	11.18	11.40	11.61	12.29	13.18	13.75	14.46	15.08	....	....
28	11.72	12.03	11.16	11.39	11.63	12.32	13.21	13.77	14.47	15.07	....	....
29	11.68	....	11.16	11.38	11.66	12.35	13.24	13.78	14.50	15.11	....	16.05
30	11.65	....	11.16	11.36	11.68	12.37	13.26	13.80	14.51	15.13	....	....
31	11.64	....	11.16	....	11.70	....	13.28	13.81	....	15.13	....	....

Daily lowest water level below land surface (from  
recorder charts):

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	....	15.61	11.03	....	7.04	9.78	11.58	12.65	13.38	14.05	10.18	11.68
2	....	15.53	10.83	....	7.13	9.84	11.62	12.59	13.45	14.06	10.24	11.71
3	....	15.45	9.98	....	7.23	9.91	11.67	12.73	13.46	14.07	10.27	11.73
4	....	15.39	9.75	....	7.40	9.98	11.70	12.72	13.51	14.08	10.37	11.75
5	....	15.33	9.74	....	7.49	10.05	11.74	12.76	13.52	14.08	10.43	11.77
6	....	15.29	9.74	....	7.59	10.10	11.78	12.78	13.55	14.10	10.50	11.81
7	....	15.30	9.74	....	7.70	10.16	11.82	12.81	13.58	14.11	10.56	11.82
8	....	15.23	9.74	....	7.79	10.23	11.84	12.84	13.59	14.12	10.61	11.86
9	....	15.20	9.74	....	7.90	10.30	11.88	12.87	13.63	14.13	10.68	11.88
10	....	15.18	9.74	....	8.00	10.37	11.92	12.89	13.64	14.13	10.75	11.90
11	....	15.17	9.75	....	8.10	10.45	11.96	12.91	13.67	14.15	10.80	11.93
12	....	15.17	9.75	....	8.21	10.51	11.99	12.93	13.70	14.15	10.84	11.96
13	....	15.17	9.75	....	8.31	10.56	12.02	12.96	13.70	14.17	10.89	11.98
14	....	15.18	9.77	....	8.41	10.63	12.05	12.98	13.73	14.17	10.95	12.01
15	....	15.18	9.80	....	8.51	10.71	12.08	13.01	13.75	14.17	11.02	12.03
16	....	15.17	9.90	....	8.59	10.77	12.12	13.03	13.77	14.17	11.05	12.03
17	....	14.63	10.00	....	8.69	10.85	12.15	13.06	13.79	13.55	11.13	12.08
18	....	12.78	10.10	....	8.78	10.93	12.18	13.08	13.80	12.22	11.16	12.11
19	16.22	12.36	10.19	....	8.86	10.99	12.22	13.09	13.83	11.29	11.19	12.14
20	16.23	11.79	10.26	6.09	8.94	11.05	12.25	13.12	13.84	10.66	....	12.15
21	16.24	11.46	10.29	5.99	9.02	11.11	12.27	13.15	13.85	10.25	....	....
22	16.24	11.26	10.30	6.05	9.10	11.16	12.30	13.17	13.87	10.01	....	....
23	16.25	11.11	10.28	6.14	9.17	11.21	12.33	13.24	13.89	9.87	11.42	....
24	16.23	11.01	10.27	6.25	9.25	11.26	12.37	13.21	13.92	9.81	11.45	....
25	16.19	10.97	10.17	6.38	9.32	11.31	12.40	13.23	13.94	9.81	11.51	....
26	16.15	10.95	10.53	6.52	9.40	11.36	12.43	13.25	13.94	9.82	11.55	....
27	16.10	10.99	....	6.65	9.46	11.40	12.47	13.27	13.98	9.87	11.58	12.34
28	16.04	11.03	....	6.77	9.53	11.46	12.51	13.29	13.99	9.92	11.60	12.35
29	15.96	....	....	6.84	9.59	11.49	12.54	13.33	14.02	9.98	11.63	12.35
30	15.86	....	....	6.94	9.66	11.53	12.58	13.36	14.04	10.04	11.66	12.19
31	15.76	....	....	....	9.72	....	12.62	13.38	....	10.11	....	11.94

## Norfolk County

Observation Well No. 25. - Town of Simcoe, Lynn River watershed. Drilled gauge well, diameter 2 inches; depth, 26 feet; gravel aquifer. Measuring point, top of iron valve box 0 feet above land surface. Measurements made by G.E. Maxwell.

### Distances of water level below land surface:

	1954	Feet
Oct. 1	15.99	
Nov. 1	15.74	
Dec. 1	15.82	

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## Oxford County

Observation Well No.13. - West Oxford township, Con III, lot 2, Thames River watershed. Property of Woodstock Public Utilities Commission. Drilled gauge hole; diameter 2 inches; depth 75 feet; gravel aquifer. Elevation, 965 feet above sea level. Measuring point, top of casing 2 feet above land surface. Measurements made by N. Copp.

### Distances of water level below land surface:

	Feet	1953	Feet
Jan. 31	0.60	July 31	1.53
Feb. 28	0.56	Aug. 31	1.84
Mar. 31	0.50	Sept. 30	1.67
Apr. 30	0.40	Oct. 31	1.45
May 30	0.43	Dec. 1	0.69
June 26	0.92	Dec. 31	1.96

	Feet	1954	Feet
Feb. 2	1.66	July 31	0.96
Mar. 6	1.70	Aug. 31	0.75
Mar. 31	1.56	Sept. 30	2.65
Apr. 30	1.03	Oct. 30	2.28
May 31	1.98	Nov. 30	2.57
June 30	1.64	Dec. 31	2.62

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## Peel County

Observation Well No.18. - Town of Brampton, Etobicoke Creek watershed. Property of Dale Estate, Limited. Abandoned dug well; diameter, 4 feet; depth, 30 feet; overburden aquifer. Measuring point, top of wooden well covering, 6 inches above land surface. Automatic recorder installed April 19, 1952. Measurements made by A. K. Watt.

Daily lowest water level below land surface (from  
recorder charts):  
1953

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	8.98	8.34	7.56	5.90	5.65	4.17	5.98	7.20	7.66	8.73	9.48	9.76
2	8.98	8.33	7.55	5.90	5.19	4.29	5.97	7.24	7.70	8.76	9.50	9.76
3	8.98	8.31	7.52	5.91	4.50	4.40	6.01	7.29	7.74	8.79	9.55	9.76
4	8.97	8.29	6.82	5.92	4.40	4.46	6.05	7.30	7.78	8.81	9.57	9.76
5	8.97	8.27	6.47	5.94	4.44	4.53	6.08	7.15	7.83	8.84	9.59	9.76
6	8.97	8.26	6.41	5.98	4.50	4.43	6.11	7.12	7.87	8.87	9.61	9.76
7	8.98	8.22	6.38	6.00	4.56	4.47	6.14	7.13	7.92	8.89	9.62	9.76
8	8.98	8.19	6.36	6.04	4.63	4.52	6.18	7.14	7.96	8.92	9.64	9.76
9	8.98	8.16	6.36	6.05	4.70	4.60	6.23	7.16	8.01	8.95	9.65	9.76
10	8.98	8.16	6.37	6.05	4.78	4.70	6.27	7.07	8.05	8.97	9.66	9.75
11	8.96	8.14	6.38	6.07	4.86	4.79	6.32	7.02	8.09	8.99	9.68	9.71
12	8.95	8.12	6.40	6.10	4.92	4.85	6.37	7.02	8.12	9.02	9.68	9.69
13	8.95	8.07	6.41	6.13	5.00	4.93	6.42	7.03	8.16	9.04	9.69	9.68
14	8.95	8.05	6.43	6.17	5.06	5.01	6.46	7.04	8.20	9.06	9.70	9.67
15	8.95	8.02	6.43	6.19	5.11	5.09	6.50	7.06	8.24	9.09	9.71	9.66
16	8.92	7.97	6.33	6.19	5.17	5.15	6.56	7.09	8.28	9.10	9.72	9.65
17	8.91	7.94	6.27	6.22	5.20	5.19	6.60	7.13	8.32	9.13	9.73	9.65
18	8.85	7.91	6.23	6.24	5.19	5.25	6.65	7.16	8.36	9.15	9.74	9.65
19	8.75	7.89	6.19	6.28	5.18	5.31	6.69	7.20	8.39	9.17	9.75	9.64
20	8.72	7.88	6.15	6.30	5.25	5.37	6.74	7.24	8.40	9.20	9.76	9.63
21	8.69	7.85	6.14	6.33	5.29	5.44	6.79	7.27	8.43	9.23	9.77	9.62
22	8.67	7.81	6.13	6.35	5.10	5.51	6.83	7.30	8.46	9.26	9.78	9.59
23	8.65	7.78	6.12	6.39	5.07	5.59	6.87	7.32	8.51	9.28	9.78	9.52
24	8.63	7.74	6.11	6.43	5.10	5.67	6.93	7.35	8.54	9.30	9.78	9.47
25	8.52	7.70	6.07	6.43	5.11	5.62	6.97	7.38	8.56	9.33	9.78	9.45
26	8.48	7.66	6.04	6.40	5.12	5.75	7.01	7.42	8.59	9.35	9.75	9.43
27	8.46	7.62	6.00	6.12	4.44	5.81	7.04	7.46	8.61	9.37	9.75	9.41
28	8.42	7.59	5.97	6.01	4.44	5.86	7.07	7.49	8.64	9.39	9.75	9.40
29	8.40	...	5.95	5.97	4.47	5.92	7.09	7.53	8.67	9.41	9.75	9.38
30	8.38	...	5.93	5.90	4.26	5.97	7.13	7.57	8.70	9.44	9.76	9.37
31	8.35	...	5.92	....	4.02	....	7.16	7.62	....	9.46	....	9.37

Daily lowest water level below land surface (from  
recorder charts):  
1954

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	9.36	9.20	6.31	4.74	4.69	6.24	6.32	7.93	9.08	9.68	5.62	6.47
2	9.35	9.19	5.25	4.80	4.74	6.21	6.37	7.98	9.11	9.68	5.68	6.46
3	9.35	9.19	5.12	4.88	4.79	6.31	6.42	8.01	9.13	9.68	5.66	6.44
4	9.35	9.18	5.08	4.94	4.86	6.35	6.47	8.05	9.15	9.58	5.67	6.42
5	9.34	9.17	5.07	5.00	4.92	6.39	6.51	8.09	9.17	9.57	5.71	6.41
6	9.34	9.17	5.08	5.01	4.98	6.41	6.56	8.14	9.20	9.57	5.75	6.44
7	9.33	9.17	5.11	4.84	5.01	6.45	6.61	8.18	9.22	9.58	5.79	6.44
8	9.33	9.17	4.99	4.74	5.03	6.53	6.66	8.22	9.24	9.59	5.84	6.44
9	9.33	9.16	4.96	4.74	5.05	6.58	6.72	8.22	9.28	9.58	5.89	6.43
10	9.33	9.15	4.95	4.76	5.08	6.59	6.79	8.30	9.30	9.58	5.94	6.42
11	9.33	9.15	4.97	4.79	5.13	6.62	6.84	8.35	9.32	9.58	5.98	6.44
12	9.33	9.16	5.02	4.84	5.18	6.64	6.89	8.39	9.36	9.57	6.02	6.45
13	9.34	9.16	5.05	4.88	5.25	6.21	6.94	8.44	9.37	9.57	6.06	6.46
14	9.34	9.17	5.08	4.93	5.31	6.18	6.98	8.48	9.39	9.56	6.09	....
15	9.34	9.10	5.12	4.96	5.36	6.17	7.04	8.53	9.41	9.49	6.13	....
16	9.35	8.66	5.18	4.74	5.41	6.20	7.10	8.57	9.43	9.68	6.16	....
17	9.35	8.55	5.24	3.98	5.47	6.22	7.16	8.61	9.45	9.77	6.20	....
18	9.35	8.52	5.28	4.03	5.53	6.24	7.21	8.66	9.46	4.18	6.23	....
19	9.35	8.49	5.34	4.15	5.58	6.27	7.26	8.69	9.48	4.37	6.26	....
20	9.27	8.45	5.33	4.19	5.64	6.29	7.31	8.73	9.50	4.58	6.28	....
21	9.23	7.68	5.16	4.24	5.69	6.31	7.36	8.78	9.51	4.63	6.31	....
22	9.23	7.19	5.09	4.31	5.75	6.50	7.41	8.82	9.53	4.76	6.35	....
23	9.24	7.11	5.11	4.38	5.81	6.17	7.46	8.86	9.55	4.88	6.39	6.35
24	9.24	7.07	5.14	4.46	5.86	6.16	7.52	8.88	9.57	4.99	6.40	6.36
25	9.24	7.05	5.15	4.54	5.91	6.17	7.57	8.91	9.59	5.09	6.43	6.40
26	9.23	7.03	4.56	4.60	5.97	6.16	7.63	8.94	9.60	5.18	6.46	6.43
27	9.23	7.00	4.46	4.61	6.02	6.17	7.67	8.98	9.62	5.25	6.47	6.43
28	9.23	6.97	4.49	4.57	6.05	6.20	7.54	9.02	9.64	5.33	6.48	6.30
29	9.23	....	4.55	4.59	6.09	6.24	7.58	9.04	9.66	5.39	6.49	5.97
30	9.21	....	4.61	4.64	6.16	6.28	7.84	9.06	9.66	5.46	6.46	5.86
31	9.20	....	4.68	....	6.20	....	7.88	9.06	....	5.54	....	5.81



Observation Well No.65. - Toronto township, Credit Indian Reserve, Range III, lot 13; Credit River watershed. Property of O.M. and J.A. Schnick. Used dug well, diameter, 3 feet; depth, 27 feet; sand and gravel aquifer. Measuring point top of cement cover 1 foot above land surface. Automatic recorder installed June 4, 1954. Measurements made by O.M. Schnick.

Daily lowest water level below land surface  
(from recorder charts):

1954

Day	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet
1	....	20.82	21.06	21.49	22.00	20.62	20.48
2	....	20.77	21.05	21.50	22.07	20.58	20.46
3	....	20.82	21.06	21.57	22.04	20.55	20.51
4	20.77	20.81	21.08	21.45	22.01	20.52	20.48
5	20.77	20.83	21.08	21.48	22.05	20.52	20.51
6	20.78	20.82	21.09	21.60	22.10	20.52	20.54
7	20.88	20.83	21.17	21.53	22.07	20.53	20.50
8	20.90	20.85	21.22	21.51	22.08	20.53	20.50
9	20.90	20.86	21.23	21.63	22.09	20.50	20.49
10	20.85	20.91	21.25	21.60	22.10	20.53	20.54
11	....	20.91	21.13	21.74	22.12	20.47	20.58
12	....	20.89	21.18	21.79	22.12	20.47	20.63
13	....	20.91	21.29	21.77	22.25	20.44	20.62
14	....	20.92	21.24	21.80	22.20	20.45	....
15	....	20.96	21.32	21.74	22.20	20.46	....
16	....	20.96	21.30	21.75	22.05	20.41	....
17	....	20.98	21.34	21.76	21.71	20.46	20.66
18	....	20.97	21.38	21.82	21.51	20.41	20.66
19	....	21.00	21.39	21.78	21.38	20.44	20.70
20	....	21.00	21.44	21.80	21.20	20.42	20.72
21	....	21.02	21.45	21.85	21.10	....	20.74
22	....	21.03	21.47	21.83	21.03	....	20.72
23	....	21.02	21.47	21.90	20.94	....	20.73
24	....	20.93	21.49	21.86	20.94	....	20.75
25	20.80	20.98	21.40	21.90	20.90	....	20.80
26	20.75	21.10	21.42	21.91	20.84	....	20.78
27	20.74	21.10	21.52	21.96	20.74	20.40	20.78
28	20.78	21.11	21.57	21.96	20.78	20.43	20.78
29	20.82	21.08	21.45	22.01	20.66	20.46	20.83
30	20.82	21.12	21.46	22.04	20.68	20.54	20.80
31	....	21.05	21.54	....	20.68	....	20.81

Observation Well No.69. - Toronto township, Credit Indian Reserve, Range III, lot 13; Credit River watershed. Property of Sherman Sand and Gravel Limited. Used dug well; diameter, 3 feet; depth, 42.5 feet; sand and gravel aquifer. Measuring point, top of cement cover 9 inches above land surface. Measurements made by D.Sherman.

Distances of water level below land surface:

1954

July 26	34.75	Oct. 19	34.42
Aug. 4	34.83	Oct. 26	34.58
Aug. 11	35.02	Nov. 4	33.86
Aug. 24	35.08	Nov. 10	33.98
Aug. 31	35.13	Nov. 17	34.12
Sept. 7	35.28	Nov. 23	34.15
Sept. 14	35.42	Nov. 30	34.17
Sept. 22	35.52	Dec. 8	34.30
Sept. 28	35.66	Dec. 15	34.47
Oct. 4	35.74	Dec. 21	34.63
Oct. 13	35.79	Dec. 29	34.68

Observation Well No.70. - Toronto township, Credit Indian Reserve, Range III, lot 13; Credit River watershed. Property of Sherman Sand and Gravel Limited. Dug well; diameter, 3 feet; depth, 30 feet; sand and gravel aquifer. Measuring point, wooden cover, 1.4 feet above land surface. Measurements made by D.Sherman.

Distances of water level below land surface:

1954			
	Feet		Feet
July 26	22.88	Oct. 19	22.14
Aug. 4	23.00	Oct. 26	22.60
Aug. 11	23.10	Nov. 4	22.26
Aug. 24	23.30	Nov. 10	22.21
Aug. 31	23.48	Nov. 17	22.16
Sept. 7	23.58	Nov. 23	22.26
Sept. 14	23.67	Nov. 30	22.31
Sept. 22	23.80	Dec. 8	22.33
Sept. 28	23.94	Dec. 15	22.44
Oct. 4	24.02	Dec. 21	22.56
Oct. 13	24.11	Dec. 29	22.55

Perth County

Observation Well No. 19. - City of Stratford, Thames River watershed. Property of Stratford Public Utilities Commission. Used drilled well; diameter, 8 inches; depth, 350 feet; limestone aquifer. Measuring point, iron frame 1 foot above land surface. Measurements made by employees of Public Utilities Commission.

Distances of water level below land surface:

1953			
	Feet		Feet
Jan. 4	33.17	July 5	33.00
Jan. 11	34.42	July 12	32.50
Jan. 18	34.50	July 19	33.50
Jan. 25	31.50	July 26	33.66
Feb. 1	34.50	Aug. 2	33.33
Feb. 8	34.58	Aug. 9	33.50
Feb. 15	34.33	Aug. 16	33.00
Feb. 22	35.00	Aug. 23	34.42
Mar. 1	35.17	Aug. 30	35.66
Mar. 8	34.50	Sept. 6	34.83
Mar. 15	33.50	Sept. 13	34.66
Mar. 22	33.66	Sept. 20	33.50
Mar. 29	33.42	Sept. 28	36.83
Apr. 5	33.17	Oct. 5	37.50
Apr. 19	33.00	Oct. 13	37.58
Apr. 26	32.33	Oct. 19	37.17
May 3	32.75	Oct. 26	37.75
May 10	33.33	Nov. 9	37.33
May 17	33.50	Nov. 17	38.33
May 24	33.66	Nov. 22	38.83
June 7	32.08	Nov. 30	38.17
June 14	32.83	Dec. 14	38.00
June 21	32.92	Dec. 21	38.25
June 28	34.66	Dec. 28	38.25

1954			
	Feet		Feet
Jan. 11	38.00	May 5	36.58
Jan. 19	38.92	May 12	37.50
Jan. 24	37.08	May 16	33.17
Jan. 31	36.83	May 23	34.00
Feb. 7	36.25	June 1	34.92
Feb. 14	36.42	June 6	35.17
Feb. 21	36.17	June 20	36.50
Feb. 28	36.58	June 27	36.50
Mar. 7	36.25	July 4	36.17
Mar. 14	36.17	July 11	35.25
Mar. 24	36.83	July 18	37.50
Mar. 31	36.50	July 25	36.25
Apr. 7	36.92	Aug. 1	35.66
Apr. 14	36.83	Aug. 8	35.25
Apr. 21	37.00	Aug. 15	35.50
Apr. 28	36.50	Aug. 22	36.17
		Aug. 29	36.33

continued



1954

	Feet		Feet
Sept. 5	36.33	Nov. 6	36.66
Sept. 12	36.50	Nov. 16	36.17
Sept. 19	35.92	Nov. 21	35.42
Sept. 26	36.83	Nov. 28	34.33
Oct. 3	36.58	Dec. 5	33.33
Oct. 110	38.00	Dec. 12	33.33
Oct. 17	36.17	Dec. 19	33.08
Oct. 24	37.75	Dec. 26	32.08

Observation Well No. 44. - West Boundary concession, lot II; North Branch of Thames River watershed. Property of Department of National Defence. Test hole, diameter, 10 inches; depth, 37½ feet; gravel aquifer. Measuring point, top of platform, 3 feet above land surface. Automatic recorder installed Oct. 7, 1952. Measurements made by H. B. Skinner and R.C.A.F. personnel.

Daily lowest water level below land surface (from recorder charts):

1953

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	7.98	7.04	6.79	3.67	3.63	3.10	3.27	4.61	6.46	6.90	7.85	8.14
2	7.98	7.06	6.82	3.92	3.56	3.42	3.10	4.68	6.50	6.94	7.87	8.14
3	8.00	7.11	6.84	3.96	2.94	3.60	3.26	4.74	6.55	7.00	7.90	8.12
4	8.04	7.16	6.60	3.96	2.94	3.64	3.36	4.76	6.60	7.01	7.92	8.14
5	8.06	7.18	5.90	3.97	3.02	3.60	3.44	4.84	6.60	7.02	7.95	8.15
6	8.10	7.20	5.76	3.97	3.22	3.38	3.44	4.90	6.62	7.06	7.97	8.14
7	8.12	7.08	5.18	3.98	3.38	2.90	3.47	4.96	6.66	7.14	7.98	8.10
8	8.12	7.02	5.45	3.98	3.47	3.02	3.54	5.02	6.71	7.15	7.99	8.08
9	8.14	7.68	5.63	3.96	3.54	3.05	3.62	5.08	6.75	7.18	8.00	8.07
10	8.14	7.10	5.77	3.94	3.58	3.92	3.68	5.16	6.79	7.22	7.99	8.06
11	8.11	7.10	5.82	3.89	3.59	3.10	3.74	5.20	6.82	7.26	7.99	8.04
12	8.12	7.14	5.64	3.90	3.60	3.22	3.80	5.27	6.83	7.31	8.01	8.00
13	8.10	7.18	5.04	3.92	3.58	3.34	3.82	5.34	6.82	7.34	8.02	7.98
14	8.10	7.20	4.70	3.94	3.59	3.44	3.88	5.40	6.61	7.37	8.02	7.96
15	7.99	7.18	4.67	3.94	3.62	3.54	3.93	5.47	6.68	7.40	8.04	....
16	7.84	7.17	3.86	3.90	3.64	3.58	3.97	5.54	6.65	7.43	8.06	....
17	7.39	7.24	3.85	3.78	3.64	3.10	4.01	5.60	6.71	7.47	8.08	....
18	7.17	7.26	3.98	3.84	3.66	2.56	4.02	5.64	6.74	7.50	....	....
19	7.10	7.21	4.00	3.86	3.66	2.69	4.04	5.72	6.76	7.53	....	....
20	7.13	7.21	4.08	3.89	3.70	2.81	4.09	5.78	6.76	7.56	....	....
21	7.17	6.94	4.18	3.93	3.74	3.00	4.14	5.85	6.76	7.59	....	....
22	7.21	6.48	4.25	3.95	3.56	3.14	4.16	5.90	6.77	7.61	....	....
23	7.21	6.55	4.30	7.00	3.66	3.28	4.22	5.95	6.79	7.62	....	....
24	7.20	6.60	4.31	7.01	3.72	3.36	4.28	6.00	6.82	7.66	....	....
25	6.80	6.64	4.32	7.00	3.73	3.38	4.32	6.06	6.88	7.68	....	....
26	6.72	6.66	4.32	3.64	3.73	3.36	4.36	6.12	6.77	7.70	....	....
27	6.72	6.70	4.31	3.34	3.78	2.96	4.40	6.17	6.70	7.73	....	....
28	6.80	6.73	4.18	3.50	3.83	3.12	4.44	6.23	6.74	7.74	....	....
29	6.90	....	3.68	3.62	3.86	3.24	4.46	6.28	6.79	7.77	....	....
30	6.94	....	3.52	3.65	3.87	3.27	4.50	6.34	6.86	7.80	....	....
31	6.98	....	3.68	....	3.58	....	4.56	6.40	....	7.82	....	....

Daily lowest water level below land surface (from  
recorder charts):  
1954

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	....	....	....	4.04	4.17	5.52	7.28	9.07	8.61	8.64
2	....	....	....	4.08	4.20	5.56	7.35	9.08	8.63	8.56
3	....	....	....	4.11	4.26	5.59	7.42	9.12	8.64	8.48
4	7.40	....	....	4.13	4.32	5.64	7.49	9.15	8.65	8.30
5	....	....	....	4.16	4.36	5.67	7.55	9.20	8.68	8.04
6	....	....	....	4.10	4.40	5.72	7.61	9.24	8.71	7.96
7	....	....	....	4.04	4.42	5.78	7.68	9.29	8.73	8.02
8	....	....	....	4.12	4.45	5.83	7.75	9.34	8.76	8.05
9	....	....	....	4.18	4.48	5.88	7.82	....	8.78	8.10
10	....	....	....	4.22	....	5.94	7.88	....	8.80	8.14
11	....	....	....	4.23	4.46	5.99	7.95	....	8.84	8.16
12	....	....	....	4.32	4.53	6.04	8.02	....	8.87	8.14
13	....	....	....	4.37	4.59	6.08	8.08	....	....	....
14	....	....	....	4.40	4.65	6.14	8.15	....	8.91	....
15	....	....	4.02	4.20	4.70	6.20	8.23	....	8.92	....
16	....	....	4.03	3.83	4.74	6.25	8.29	....	8.93	....
17	....	....	4.04	3.88	4.80	6.30	8.35	8.10	8.94	....
18	7.42	....	4.00	4.08	4.84	6.36	8.40	8.14	8.95	....
19	7.44	....	3.96	4.09	4.89	6.42	8.44	8.18	8.96	....
20	7.45	....	3.91	....	4.94	6.48	8.49	8.22	8.98	....
21	7.33	....	3.99	3.88	5.00	6.54	8.55	8.25	8.98	....
22	7.16	....	3.98	3.96	5.06	6.61	8.61	8.29	8.72	....
23	6.94	....	4.02	4.02	5.11	6.68	8.66	8.30	8.58	....
24	6.80	....	4.03	4.07	....	6.75	8.72	8.35	8.49	....
25	6.81	....	3.96	4.12	5.22	6.82	8.78	8.38	8.50	....
26	5.62	....	3.60	4.15	5.27	6.88	8.83	8.42	8.53	....
27	5.18	....	3.74	4.12	5.30	6.98	8.88	8.46	8.58	....
28	4.94	....	3.81	4.02	5.34	7.06	8.93	8.49	8.62	....
29	4.82	....	3.90	4.06	5.40	7.13	8.98	8.52	8.66	....
30	4.78	....	3.96	4.12	5.46	7.20	9.03	8.55	8.67	....
31	4.86	....	4.01	....	5.48	....	9.05	8.58	....	....

Simcoe County

Observation Well No.7. - Village of Angus, Nottawasaga River watershed.  
Property of Seed Extracting Plant, Ontario Department of Lands and Forests. Used  
dug well; diameter, 3 feet; depth, 20 feet; sand aquifer. Measuring point, top of  
cement cover 1.5 feet above land surface. Automatic weekly recorder installed on  
June 6, 1950. Measurements made by E. A. Lewis.

Daily lowest water level below land surface (from  
recorder charts):  
1953

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	12.89	12.72	12.46	12.16	12.09	11.42	11.34	11.94	12.45	12.91	13.34	13.63
2	12.87	....	12.47	12.15	12.12	11.39	11.34	11.96	12.47	12.93	13.36	13.63
3	12.86	12.71	12.46	12.16	12.09	11.39	11.44	11.96	12.50	12.94	13.37	13.63
4	12.86	12.75	12.43	12.15	12.00	11.38	11.50	11.99	12.51	12.95	13.39	13.64
5	12.86	12.75	12.40	12.17	11.96	11.37	11.52	12.00	12.52	12.96	13.40	13.65
6	12.86	12.72	12.33	12.18	11.95	11.38	11.52	12.02	12.56	12.97	13.41	13.65
7	12.86	12.72	12.28	12.16	11.92	11.38	11.50	12.03	12.59	12.98	13.42	13.66
8	12.86	12.70	12.26	12.14	11.90	11.38	11.34	12.04	12.64	12.98	13.43	13.66
9	12.87	12.69	12.30	12.14	11.86	11.35	11.33	12.07	12.62	12.99	13.44	13.66
10	12.87	12.69	12.26	12.14	11.83	11.33	11.33	12.08	12.64	13.00	13.45	13.67
11	12.88	12.68	12.28	12.14	11.81	11.32	11.33	12.09	12.66	13.01	13.46	13.67
12	12.88	12.76	12.30	12.13	11.79	11.31	11.36	12.11	12.66	13.02	13.46	13.67
13	12.89	12.74	12.28	12.13	11.76	11.30	11.40	12.14	12.68	13.03	13.47	13.67
14	12.90	12.68	12.26	12.12	11.74	11.30	11.47	12.11	12.69	13.03	13.48	13.67
15	12.90	12.68	12.24	12.11	11.70	11.28	11.54	12.14	12.71	13.04	13.49	13.68
16	12.90	12.69	12.24	12.10	11.69	11.28	11.54	12.15	12.74	13.06	13.50	13.69
17	12.89	12.71	12.23	12.11	11.64	11.27	11.56	12.18	12.76	13.08	13.52	13.69

Daily lowest water level below land surface (from  
recorder charts):  
1953

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
18	12.83	12.72	12.23	12.11	11.61	11.30	11.56	12.20	12.78	13.09	13.53	13.69
19	12.80	12.74	12.21	12.11	11.60	11.27	11.59	12.20	12.78	13.11	13.54	13.69
20	12.76	12.74	12.22	12.12	11.60	11.26	11.68	12.24	12.81	13.12	13.55	13.70
21	12.76	12.72	12.21	12.12	11.58	11.28	11.68	12.24	12.83	13.13	13.56	....
22	12.76	12.66	12.22	12.13	11.60	11.26	11.78	12.24	12.84	13.14	13.56	13.70
23	12.76	12.59	12.22	12.13	11.55	11.24	11.76	12.31	12.84	13.16	13.57	13.70
24	12.75	12.50	12.20	12.14	11.52	11.26	11.82	12.30	12.86	13.18	13.58	13.69
25	12.74	12.50	12.19	12.14	11.51	11.26	11.30	12.30	12.88	13.20	13.58	13.68
26	12.75	12.47	12.19	12.15	11.51	11.28	11.80	12.33	12.88	13.22	13.59	13.68
27	12.73	12.45	12.18	12.12	11.51	11.30	11.84	12.35	12.90	13.24	13.60	13.68
28	12.70	12.45	12.18	12.12	11.50	11.31	11.88	12.36	12.90	13.26	13.61	13.68
29	12.70	....	12.17	12.08	11.46	11.32	11.86	12.40	12.90	13.28	13.62	13.68
30	12.71	....	12.17	12.08	11.46	11.32	11.93	12.45	12.91	13.32	13.62	13.68
31	12.70	....	12.16	....	11.44	....	11.93	12.50	....	....	....	13.68

Daily lowest water level below land surface (from  
recorder charts):  
1954

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	13.68	13.74	....	10.84	9.49	10.00	10.52	11.11	11.24	....	8.24	9.15
2	13.68	13.74	....	10.82	9.47	10.04	10.54	11.11	11.24	....	8.24	9.17
3	13.68	13.75	12.36	10.78	....	10.05	10.56	11.13	11.24	....	8.24	9.19
4	13.68	13.76	12.38	10.75	....	10.08	10.58	11.14	....	....	8.24	9.22
5	13.67	13.76	12.28	10.73	9.42	10.10	10.60	11.15	....	....	8.26	9.27
6	13.67	13.77	12.10	10.70	9.42	10.12	10.63	11.17	11.38	....	8.29	9.29
7	13.68	13.77	12.02	10.68	9.42	10.14	....	11.18	....	....	8.31	9.29
8	13.68	13.78	11.96	10.60	9.43	10.16	10.66	11.20	....	....	8.38	9.30
9	13.68	13.79	11.90	10.56	9.42	10.18	10.68	11.22	....	10.82	....	9.32
10	13.68	13.79	11.83	10.50	9.42	10.20	10.70	11.23	....	10.78	8.62	9.36
11	13.68	13.80	11.80	10.43	9.42	10.22	10.72	11.25	....	10.74	8.64	9.38
12	13.68	13.80	11.76	10.38	9.46	10.24	10.73	11.27	....	10.71	8.69	9.41
13	13.68	13.80	11.71	10.33	9.48	10.27	10.75	11.28	11.40	10.69	8.69	9.42
14	13.69	13.81	11.65	10.29	9.49	10.28	....	11.30	11.43	10.66	8.75	9.43
15	13.69	13.81	11.61	10.26	9.50	10.31	....	....	....	10.62	8.76	9.46
16	13.69	13.79	11.59	10.21	....	10.32	....	....	....	10.54	8.78	9.50
17	13.69	13.53	11.56	10.18	....	10.36	10.81	....	....	....	8.81	9.50
18	13.69	13.41	11.53	10.12	....	10.38	10.83	....	....	....	8.83	9.52
19	13.69	13.37	11.50	10.08	9.65	10.40	10.85	....	....	8.98	8.84	9.56
20	13.69	13.33	11.46	9.95	9.68	10.41	....	11.40	....	8.76	8.88	9.59
21	13.72	13.29	11.44	9.90	9.71	10.43	....	11.43	....	8.72	8.91	9.61
22	13.72	13.22	11.42	9.84	9.75	10.44	....	....	....	8.52	8.94	9.62
23	13.72	13.06	11.40	9.78	9.79	10.44	....	....	....	8.44	8.95	9.64
24	13.72	12.98	11.39	9.72	9.80	10.42	10.98	....	11.33	8.39	8.97	9.69
25	13.73	....	11.38	9.67	9.85	10.41	11.00	....	11.30	8.34	9.01	9.71
26	13.73	....	11.32	9.65	9.88	10.42	11.03	....	11.27	8.30	9.03	9.72
27	13.74	....	11.22	9.60	9.90	10.45	11.05	11.31	11.25	8.26	9.03	9.74
28	13.74	....	11.12	9.51	9.91	10.46	11.07	11.32	11.25	8.25	9.06	9.75
29	13.74	....	11.03	9.54	9.94	10.48	11.08	11.32	11.23	8.22	9.11	9.74
30	13.74	....	10.95	9.51	9.97	10.50	11.09	11.31	11.20	8.21	9.14	9.73
31	13.74	....	10.90	....	9.98	....	11.10	11.27	....	8.23	....	9.74

#### Thunder Bay District

Observation Well No. 74. - Paipoonge Township, Con II, lot 13, Kaministiquia River watershed. Property of C. Hanna. Used dug well; diameter, 4 feet; depth 30 feet; sand aquifer. Measuring point, top of concrete cover 1 foot above land surface. Measurements made by J. K. Knights.

Distances of water level below land surface:

1953				1954			
feet		feet		feet		feet	
Jan. 30	20.63	July 30	18.78	Jan. 30	18.85	July 30	15.44
Feb. 28	20.90	Aug. 31	17.11	Mar. 5	22.67	Aug. 30	17.70
Mar. 30	17.36	Sep. 30	18.97	Apr. 3	20.55	Sept. 28	16.38
Apr. 30	16.22	Oct. 31	16.70	Apr. 30	15.34	Oct. 31	19.56
June 1	7.72	Nov. 30	18.58	June 1	5.69	Dec. 4	21.42
June 30	10.29	Dec. 31	18.50	June 30	9.59	Dec. 31	21.30

Waterloo County

Observation Well No.32. - Town of Elmira, Grand River watershed. Property of Elmira Public Utilities Commission. Municipal drilled well; diameter, 20 inches; depth, 118 feet; sand and gravel aquifer. Measuring point, top of nipple 1.16 feet above land surface. Measurements made by employees of Public Utilities Commission.

Distances of water level below land surface:

1953				1954			
feet		feet		feet		feet	
Jan. 11	25.82	May 31	18.04	Jan. 9	23.14	July 1	19.84
Feb. 1	34.46	July 1	21.71	Mar. 6	20.14	Aug. 2	20.04
Mar. 1	20.00	Aug. 7	17.86	Apr. 3	24.04	Sept. 7	20.54
Mar. 29	18.70					Oct. 3	21.44

Observation Well No.33. - Township of Elmira, Grand River watershed. Property of Elmira Public Utilities Commission. Municipal drilled well; diameter, 20 inches; depth, 59 feet; sand and gravel aquifer. Measuring point air-line opening at base of pump 0.3 feet above land surface. Measurements made by employees of Public Utilities Commission.

Distances of water level below land surface:

1953				1954			
feet		feet		feet		feet	
Jan.11	12.57	May 31	8.48	Jan. 9	12.87	Aug. 2	12.27
Feb. 1	13.54	July 1	9.76	Mar. 6	12.37	Sept. 7	12.47
Mar. 1	12.21	Aug. 7	7.07	Apr. 3	12.37	Oct. 3	11.87
Mar.29	12.00			July 1	12.37		

Observation Well No. 34. - City of Kitchener, Shoemaker Street pumping station, Grand River watershed. Property of Kitchener waterworks. Abandoned municipal drilled well; diameter, 1 foot; depth, 370 feet; dolomite aquifer. Elevation, 1058 feet above sea level. Measuring point, top of casing 1 foot above land surface. Measurements made by J. S. Leslie.

Distances of water level below land surface:

1953				1954			
feet		feet		feet		feet	
Jan. 3	25.19	July 1	26.36	Jan. 1	24.36	July 1	26.16
Feb. 1	28.46	Aug. 1	25.18	Feb. 1	23.74	Aug. 1	25.24
Mar. 1	26.66	Sept. 1	26.26	Mar. 1	23.68	Sept. 1	26.41
Apr. 1	25.62	Oct. 1	26.46	Apr. 1	22.25	Oct. 1	27.33
May 1	27.18	Nov. 2	24.80	May 1	22.37	Nov. 1	23.84
June 1	25.99	Dec. 1	24.55	June 1	21.33	Dec. 1	22.62

Observation Well No.35. - City of Kitchener, Shoemaker Street pumping station, Grand River watershed. Property of Kitchener waterworks. Abandoned municipal drilled well; diameter, 1 foot; depth, 196 feet; dolomite aquifer. Elevation 1,058 feet above sea level. Measuring point, top of casing 1 foot above land surface. Measurements made by J. S. Leslie.

Distances of water level below land surface:

1953				1954			
	feet		feet		feet		feet
Jan. 3	16.58	July 1	24.84	Jan. 1	22.64	July 1	18.39
Feb. 1	26.79	Aug. 1	20.23	Feb. 1	17.99	Aug. 1	17.35
Mar. 1	27.80	Sept. 1	26.94	Mar. 1	17.62	Sept. 1	19.25
Apr. 1	25.68	Oct. 1	27.26	Apr. 1	14.92	Oct. 1	20.38
May 1	28.58	Nov. 2	22.62	May 1	13.94	Nov. 1	12.48
June 1	23.03	Dec. 1	22.83	June 1	14.18	Dec. 1	12.33

Observation Well No.59. - City of Kitchener, Strange Street, Grand River watershed Property of Kitchener waterworks. Abandoned municipal drilled well; diameter, 1 foot; depth, 202 feet; dolomite aquifer. Elevation, 1070 feet above sea level. Measuring point, top of wooden plank level with land surface. Measurements made by E.G. Boeckner.

Distances of water level below land surface:

1953				1954			
	feet		feet		feet		feet
Jan. 4	43.30	July 5	49.50	Jan. 3	40.00	July 4	47.40
Feb. 1	47.50	Aug. 2	44.30	Feb. 7	46.70	Aug. 1	47.20
Mar. 1	43.60	Sept. 6	43.80	Mar. 7	43.00	Sept. 5	46.90
Apr. 5	40.80	Oct. 4	43.40	Apr. 11	46.20	Oct. 3	46.30
May 3	43.70	Nov. 1	48.20	May 2	46.20	Nov. 7	42.70
June 7	44.40	Dec. 6	45.50	June 13	45.00	Dec. 5	43.60

Welland County

Observation Well No.2. - Humberstone township, Con. I, lot 15, adjacent to Lake Erie. Property of W.R.Davison. Used drill well; diameter, 6 inches; depth, 32.5 feet; limestone aquifer. Elevation, 582 feet above sea level. Measuring point, top of casing 2 feet above land surface. Measurements made by W.R. Davison.

Distances of water level below land surface:

1953				1954			
	feet		feet		feet		feet
Apr. 18	6.24	July 17	10.50	Apr. 10	5.52	July 25	11.90
		Aug. 11	9.69	June 5	6.73		

Observation Well No.3. - Pelham township, Con.VIII, lot 5, Welland River watershed Property of F.Misener. Used dug well; diameter, 5 feet; depth, 21 feet; sand aquifer. Elevation, 688 feet above sea level. Measuring point, top of wooden covering level with land surface. Measurements made by F. Misener.

Distances of water level below land surface:

1953			1954		
	feet			feet	
Apr. 18	13.50		Feb. 10	14.41	Nov. 2
			June 6	12.69	13.20

Wellington County

Observation Well No.43. - Nichol township, Con V, lot 10, Grand River watershed. Property of Dr. O.M. McConkey. Used dug well; diameter, 3 feet; depth, 30 feet; glacial deposit aquifer. Measuring point top of wooden covering level with ground surface. Measurements made by Dr. O.M. McConkey.

Distances of water level below land surface:

1953				1954			
	feet		feet		feet		feet
Jan. 10	12.00	Sept. 20	14.70	Jan. 3	21.00	July 16	10.80
Feb. 15	12.90	Oct. 5	15.20	Jan. 16	21.40	Aug. 16	13.20
Apr. 11	10.00	Oct. 18	17.80	Jan. 24	21.70	Sept. 5	15.70
May 3	8.50	Oct. 27	18.90	Mar. 2	14.30	Oct. 9	15.90
June 14	8.70	Nov. 22	21.70	Apr. 18	8.60	Oct. 24	8.70
Aug. 23	12.50	Dec. 6	22.40	May 31	8.70	Dec. 18	8.98
Sept. 11	13.50	Dec. 20	22.20				

Observation Well No.47. - City of Guelph, Emma Street, Grand River watershed. Property of Guelph Public Utilities Commission. Used municipal drilled well; diameter, 12 inches; depth 152 feet 8 inches; dolomite aquifer. Measurements computed from air-line readings taken by H. Theaker.

Distances of water level below land surface:

1954			
	feet		feet
Feb. 4	89.	Aug. 25	53.
Mar. 24	51.	Sept. 27	52.
Apr. 29	46.	Oct. 21	45.
June 16	51.	Nov. 8	45.
July 15	61.	Dec. 2	46.

Observation Well No.48. - City of Guelph, Metcalfe Street, Grand River watershed. Property of Guelph Public Utilities Commission. Abandoned municipal drilled well; diameter, 12 inches; depth, 202 feet; dolomite aquifer. Measurements computed from air-line readings taken by H. Theaker.

Distances of water level below land surface:

1954			
	feet		feet
Feb. 4	105.	Aug. 25	101.
Mar. 24	93.	Sept. 27	101.
Apr. 29	87.	Oct. 21	90.
June 16	95.	Nov. 8	90.
July 15	101.	Dec. 2	94.

York County

Observation Well No.6. - Markham township, Con.III, lot 3, Little Don River watershed. Property of the township of North York. Test hole; diameter, 5 inches; depth, 139 feet; sand and gravel aquifer. Measuring point, top of casing 1 foot above land surface. Automatic recorder installed September 13, 1951. Measurements made by W. Gourlay.

Daily lowest water level below land surface  
(from recorder charts):

1953

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	9.71	9.05	9.74	9.13	9.35	9.75	10.13	10.70	11.14	10.78	10.63	10.87
2	9.63	9.06	9.70	9.29	9.30	9.80	9.98	10.71	11.14	10.76	10.58	10.84
3	9.57	9.02	9.60	9.27	9.35	9.82	10.11	10.73	11.17	10.72	10.62	10.78
4	9.65	9.04	9.18	9.25	9.34	9.76	10.13	10.69	11.16	10.66	10.79	10.74
5	9.63	9.00	9.46	9.33	9.32	9.73	10.09	10.65	11.16	10.65	10.87	10.89
6	9.80	8.87	9.55	9.33	9.33	9.71	10.08	10.70	11.02	10.65	10.86	10.80
7	9.87	8.85	9.60	9.40	9.35	9.82	10.10	10.67	11.00	10.71	10.76	10.92
8	9.77	8.85	9.48	9.45	9.43	9.82	10.15	10.63	11.04	10.71	10.66	10.90
9	9.70	9.01	9.52	9.38	9.49	9.86	10.23	10.65	11.07	10.63	10.80	10.88
10	9.67	9.01	9.62	9.27	9.52	9.90	10.24	....	11.06	10.59	10.80	10.88
11	9.72	8.75	9.54	9.47	9.50	9.93	10.23	10.65	10.99	10.59	10.76	10.87
12	9.78	8.75	9.50	9.45	9.55	9.92	10.22	10.71	10.89	10.67	10.82	10.81



Daily lowest water level below land surface (from  
recorder charts):  
1953

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
13	9.75	8.83	9.45	9.43	9.67	9.85	10.18	10.70	10.92	10.71	10.80	10.82
14	9.75	9.12	9.49	9.52	9.68	9.93	10.22	10.68	10.91	10.66	10.76	10.75
15	9.68	9.08	9.40	9.52	9.64	9.93	10.27	10.65	10.88	10.54	10.72	10.83
16	9.78	9.18	9.35	9.38	9.63	9.89	10.28	10.74	10.92	10.62	10.73	10.89
17	9.73	9.36	9.37	9.48	9.58	9.90	10.26	10.74	10.95	10.63	10.81	10.94
18	9.38	9.42	9.35	9.48	9.62	9.93	10.25	10.71	10.94	10.63	10.81	10.85
19	9.45	9.47	9.38	9.47	9.64	9.95	10.24	10.73	10.82	10.60	10.83	10.80
20	9.46	9.37	9.50	9.42	9.69	9.95	10.32	10.80	10.77	10.63	10.81	10.64
21	9.47	9.35	9.49	9.50	9.70	10.01	10.33	10.87	10.85	10.65	10.77	10.65
22	9.27	9.45	9.40	9.48	9.63	10.03	10.32	10.87	10.92	10.60	10.76	10.68
23	9.15	9.41	9.32	9.60	9.77	10.10	10.38	10.77	10.98	10.50	10.59	10.69
24	8.84	9.37	9.24	9.66	9.78	10.12	....	10.87	10.88	10.54	10.54	10.56
25	9.16	9.40	9.19	9.52	9.77	10.05	10.69	10.93	10.77	10.58	10.53	10.38
26	9.22	9.27	9.17	9.40	9.72	10.10	10.60	10.95	10.64	10.55	10.72	10.55
27	9.14	9.46	9.08	9.40	9.76	10.17	10.56	10.90	10.63	10.52	10.73	10.58
28	8.83	9.62	9.06	9.53	9.84	10.12	10.58	10.96	10.64	10.46	10.79	10.43
29	8.84	....	9.22	9.56	9.82	10.18	10.57	11.00	10.73	10.57	10.80	10.43
30	9.05	....	9.22	9.52	9.68	10.16	10.63	11.05	10.73	10.61	10.75	10.52
31	8.93	....	9.17	....	9.65	....	10.64	11.12	....	10.60	....	10.56

Daily lowest water level below land surface (from  
recorder charts):  
1954

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	...	feet	feet	feet	feet	feet	feet	feet	feet
1	10.66	10.14	9.42	...	11.11	11.72	12.23	12.73	12.73	12.65	....	....
2	10.66	10.00	9.36	...	11.15	11.84	12.28	12.65	12.71	12.63	....	....
3	10.73	10.13	9.33	...	11.10	11.82	12.30	12.63	12.84	12.38	....	....
4	10.48	10.04	9.36	...	11.21	11.85	12.27	12.63	12.88	12.28	....	8.89
5	10.56	10.04	9.39	...	11.20	11.90	12.30	12.67	12.83	12.35	....	9.05
6	10.67	10.20	9.39	...	11.27	11.93	12.30	12.72	12.86	12.52	....	9.11
7	....	10.20	9.46	...	11.27	11.94	12.36	12.79	12.75	12.55	....	9.02
8	....	....	9.47	...	11.22	11.96	12.41	12.85	12.95	12.40	....	8.85
9	....	9.99	9.45	...	11.25	11.97	12.46	12.84	12.97	12.25	....	8.73
10	....	10.07	9.46	...	11.27	11.94	12.48	12.79	12.80	12.27	....	8.99
11	....	10.26	9.51	...	11.30	12.03	12.48	12.82	12.90	12.15	....	9.05
12	....	10.32	9.51	...	11.43	12.02	12.45	12.92	12.97	12.16	....	9.02
13	....	10.20	9.55	...	11.47	11.96	12.40	12.97	12.90	12.24	9.34	9.04
14	....	10.08	9.58	...	11.46	12.01	12.47	12.94	12.83	12.23	9.72	8.92
15	....	10.02	9.75	...	11.42	12.04	12.63	12.84	12.80	12.05	9.26	8.81
16	....	9.91	....	...	11.38	12.08	12.69	12.90	12.77	....	9.06	9.12
17	....	9.78	....	...	11.48	12.14	12.67	12.93	12.77	....	9.13	9.12
18	....	9.78	....	...	11.50	12.15	12.60	12.92	12.75	....	9.10	8.78
19	....	9.77	....	...	11.57	12.05	12.66	12.91	12.66	9.95	9.01	8.80
20	....	9.73	....	...	11.59	12.06	12.67	13.00	12.75	9.79	9.00	...
21	....	9.57	....	...	11.59	12.03	12.70	13.08	12.74	9.68	9.03	...
22	....	9.55	....	...	11.65	12.16	12.70	13.12	12.80	9.73	9.05	...
23	10.42	9.55	....	...	11.70	12.18	12.74	13.07	12.97	9.71	9.05	...
24	10.28	9.48	....	...	11.68	12.11	12.76	13.02	12.98	9.75	8.91	...
25	10.36	9.48	....	...	11.73	11.94	....	13.53	12.75	9.68	8.93	...
26	10.30	9.58	....	...	11.83	12.14	....	12.75	12.79	9.53	8.95	...
27	10.25	9.58	....	...	11.81	12.22	....	12.76	12.80	9.53	....	...
28	10.35	9.48	....	...	11.68	12.21	....	12.78	12.87	9.53	....	8.95
29	10.25	....	....	...	11.75	12.22	....	12.76	12.88	9.36	....	...
30	10.17	....	....	...	11.83	....	....	12.68	12.81	....	....	...
31	10.23	....	....	...	11.83	....	12.70	12.64	....	....	....	...

Observation Well No.20. - North York township, Con III W, lot 9, Humber River watershed. Property of Kilmer van Nostrand Limited, Wilson Avenue. Abandoned drilled well diameter, 8 inches; depth, 211 feet, sand and gravel aquifer. Measuring point, top of nipple 0.25 feet above land surface. Measurements made by I.A. Robertson and A. K. Watt.

Distances of water level below land surface:

1953		1954	
	feet		feet
Jan. 9	124.89	Dec. 29	126.09
Feb. 5	124.91		
Apr. 1	124.48		

Observation Well No.40. - Etobicoke township, Con II, fronting Humber, lot 13, Mimico Creek watershed. Property of Etobicoke township. Abandoned municipal well; diameter, 20 inches; depth, 105 feet; gravel aquifer. Measuring point, top of wooden covering 2 feet above land surface. Automatic recorder installed on December 9, 1954. Measurements made by S. Parker.

Daily lowest water level below land surface  
(from recorder charts):

1954

Day	Dec.
	feet
1	....
2	....
3	....
4	....
5	....
6	....
7	....
8	....
9	21.47
10	21.75
11	21.82
12	21.80
13	21.79
14	21.63
15	21.52
16	21.80
17	21.79
18	21.40
19	21.63
20	21.63
21	21.59
22	21.37
23	21.22
24	21.68
25	21.71
26	21.52
27	21.53
28	21.40
29	21.08
30	20.71
31	20.67

Observation Well No.42. - Etobicoke township, Con II, fronting Humber, lot 13, Mimico Creek watershed. Property of Etobicoke township. Abandoned drilled well; diameter, 4 inches; depth, 105 feet; sand and gravel aquifer. Measuring point top of casing 3 feet above land surface. Weekly automatic recorder installed on April 13, 1950. Measurements made by S. Parker.



Daily lowest water level below land surface (from  
recorder charts):

1953

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	....	39.43	38.77	37.89	37.89	35.96	36.27	37.54	38.43	38.50	37.80	37.20
2	....	39.36	38.72	....	37.67	35.92	36.25	37.54	38.50	38.50	37.78	37.20
3	....	39.25	38.58	....	37.65	35.88	36.31	37.59	38.58	38.46	37.75	37.15
4	....	39.25	38.53	....	37.54	35.85	36.36	37.59	38.64	38.36	37.76	37.07
5	....	39.18	38.53	....	37.16	35.69	36.36	37.54	38.73	38.30	37.84	37.12
6	....	39.20	38.74	....	36.80	35.73	36.28	37.63	38.74	38.26	37.84	37.12
7	39.87	39.26	38.74	....	36.60	35.76	36.23	37.64	38.72	38.31	37.83	37.06
8	39.79	39.32	38.54	....	36.46	35.77	36.30	37.60	38.74	38.31	37.51	37.06
9	39.78	39.33	38.53	37.75	36.36	35.70	....	37.56	38.74	38.27	37.65	36.99
10	39.66	39.20	38.53	37.62	36.37	35.72	....	37.62	38.74	38.20	37.66	36.94
11	39.75	39.12	38.46	37.65	36.36	35.80	....	37.65	38.69	38.14	37.65	36.98
12	39.75	38.96	38.38	37.67	36.30	35.80	....	37.66	38.58	38.24	37.65	36.99
13	39.76	39.03	38.39	37.66	36.37	35.65	....	37.71	38.49	38.29	37.65	36.89
14	39.79	39.04	38.37	37.72	36.40	35.67	....	37.70	38.59	38.29	37.58	36.87
15	39.79	39.08	38.37	37.73	36.38	35.69	36.68	37.66	38.59	38.18	37.47	36.84
16	39.76	39.04	38.30	37.73	36.35	35.71	36.67	37.62	38.55	38.07	37.42	36.94
17	39.58	39.06	38.43	37.68	36.35	35.71	36.86	37.70	38.65	38.11	37.46	....
18	39.74	39.05	38.43	37.76	36.27	35.77	36.88	37.74	38.67	38.11	37.47	....
19	39.58	38.92	38.26	37.76	36.29	35.79	36.89	37.74	38.65	38.08	37.45	....
20	39.64	38.93	38.29	37.75	36.45	35.80	37.00	37.74	38.54	38.03	37.41	....
21	39.64	38.93	38.29	37.74	36.46	35.83	37.09	37.79	38.57	38.07	37.36	....
22	39.64	38.80	38.29	37.74	36.42	35.95	37.16	37.80	38.67	38.07	37.30	....
23	39.56	38.65	38.24	37.76	36.54	36.00	37.20	37.79	38.69	38.01	37.27	....
24	39.50	38.65	38.11	37.94	36.56	36.15	37.42	37.80	38.69	37.88	37.25	36.95
25	39.74	38.64	38.04	37.94	36.56	36.15	37.49	37.92	38.59	37.97	37.13	36.82
26	39.74	38.53	....	37.77	36.48	36.16	37.49	38.00	38.46	37.97	37.22	36.68
27	39.44	38.69	....	37.74	36.54	36.25	37.43	38.03	38.39	37.90	37.27	36.78
28	39.35	38.77	....	37.92	36.57	36.24	37.45	38.08	38.40	37.86	37.34	36.79
29	39.44	....	....	37.95	36.53	36.29	37.45	38.19	38.44	37.79	37.34	36.64
30	39.44	....	....	37.95	36.39	36.23	37.45	38.24	38.44	37.85	37.32	36.65
31	39.43	....	37.99	....	36.00	....	37.50	38.33	....	37.84	....	....

Daily lowest water level below land surface (from  
recorder charts):

1954

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	....	35.77	33.40	31.38	29.12	29.73	30.03	30.98	30.87	30.32	27.67	27.53
2	....	35.78	32.70	31.33	29.09	29.71	30.08	30.96	30.85	30.28	27.67	27.59
3	....	35.77	32.82	31.45	29.03	29.71	30.07	30.91	30.84	30.23	27.65	27.28
4	....	35.77	32.82	31.54	29.05	29.70	30.00	30.94	30.90	30.27	27.54	27.20
5	....	35.76	32.66	31.35	29.05	29.78	29.91	30.91	30.80	30.32	27.59	27.15
6	36.50	35.75	32.55	31.18	29.10	29.83	29.92	30.93	30.82	30.43	27.60	27.26
7	36.52	35.48	32.40	31.23	29.10	29.85	29.88	30.94	30.69	30.51	27.60	27.26
8	36.60	35.48	32.40	31.40	29.14	29.96	29.97	30.91	30.76	30.37	27.62	27.12
9	36.61	....	32.33	31.47	29.14	30.02	30.07	30.87	30.76	30.15	27.68	27.05
10	36.49	....	32.20	31.25	29.11	30.02	30.11	30.82	30.65	30.02	27.73	26.91
11	36.49	....	32.30	31.03	29.09	30.23	30.12	30.80	30.65	29.91	27.73	27.02
12	36.32	....	32.38	31.16	29.23	30.23	30.07	30.91	30.74	29.96	27.55	27.04
13	36.49	....	32.35	31.02	29.31	30.17	30.20	30.95	30.69	30.12	27.56	27.06
14	36.49	....	32.12	30.98	29.31	30.16	30.30	30.96	30.67	30.12	27.37	27.06
15	36.34	....	32.38	31.01	29.27	30.19	30.57	30.86	30.66	29.85	27.47	26.80
16	36.29	35.41	32.46	30.75	29.15	30.26	30.70	30.83	30.56	28.96	27.47	26.85
17	36.41	35.41	32.43	30.31	29.20	30.29	30.70	30.90	30.56	....	27.43	26.90
18	36.40	35.33	32.34	29.66	29.23	30.32	30.67	30.84	30.49	....	27.43	26.89
19	36.27	34.97	32.22	29.65	29.31	30.24	30.77	30.75	30.37	....	27.42	26.79
20	36.27	34.85	32.12	29.63	29.35	30.12	30.77	30.88	30.37	....	27.30	26.84
21	36.33	34.85	32.27	29.52	29.33	30.05	30.70	31.13	30.37	28.08	27.28	....
22	36.37	34.52	32.27	29.26	29.40	30.02	30.70	31.14	30.52	27.98	27.29	26.86
23	36.38	34.19	32.27	29.31	29.48	30.15	30.72	31.14	30.58	27.98	27.30	26.82
24	36.28	34.11	32.31	29.33	29.48	30.18	30.88	31.14	30.60	27.94	27.30	26.72
25	36.08	33.99	32.20	29.25	29.52	30.07	30.95	31.01	30.40	27.94	27.25	26.91
26	36.03	33.88	32.03	29.29	29.65	29.93	31.04	31.04	30.30	27.94	27.31	26.91
27	36.09	33.79	32.03	29.08	29.67	30.05	31.09	31.04	30.32	27.55	27.15	26.91
28	35.98	33.50	31.72	29.21	29.52	30.10	31.17	31.01	30.37	27.58	27.15	26.91
29	35.95	....	31.56	29.23	29.52	30.12	31.17	30.92	30.37	27.56	27.32	26.65
30	35.94	....	31.45	29.16	29.62	30.05	31.08	30.83	30.30	27.47	27.53	26.20
31	35.72	....	31.45	....	29.74	....	31.07	30.83	....	27.62	....	26.24

APPENDIX B - DRILLERS LICENSED AND NUMBER OF WELLS DRILLED,  
1953 AND 1954

Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
Abbott, M.	R.R.1, Kingsville	L	9	L	13
Adams, J.W.	R.R.2, Ramsayville	L		L	
Adams, T.H.	Hurdman's Bridge	L	33	L	32
Albert E.	R.R.2, Val d'Or, Abitibi, Que.	L		L	
Anderson, J.A.	Freelton	L	2	L	
Archibald, B.	Bruce Mines		1		
Archibald, W.F.	R.R.3, Sault Ste. Marie	L	3	L	4
Ashbaugh, D. & M.	Mount Hope		16		34
Ashbaugh, D.		L			
Ashbaugh, M.		L			
Babiuk, M.	590 Burnhamthorpe Rd. Toronto 18.	L	14	L	14
Bailey & Lloyd	250 Front St. N. Campbellford		20		18
Bailey, J.C.		L		L	
Lloyd, G.W.		L		L	
Baldwin, W.H.	R.R.1, Kirkfield	L	10	L	21
Baldwin, E.				L	
Southern E.H.		L		L	
Barker, P.	R.R.3, Sault Ste. Marie	L		L	2
Allan, W.		L		L	
Barr, W.H.	R.R.3, Pakenham	L	1	L	
Bartley, C.	R.R.3, Collingwood	L		L	9
Bell, E.	Box 74, Mitchell	L	5	L	6
Bellerby, M.S.	R.R.4, Owen Sound		14	L	12
Bellerby, O.R.	Shelburne		5		
Belore & Burwell	Courtland		5		
Belore, W.A.		L		L	
Burwell, W.L.		L		L	
Belore, W.A.	Courtland	L	2	L	6
Bingham, J.	R.R.2, Stouffville	L			
Black, C.F.	170 First Ave. Brockville	L			
Blain T.E.	R.R.1, New Liskeard	L	1	L	3
Blakely, H.C.	Box 129, Whitby	L	4	L	
Boadway, F.R.	Sutton West	L	36	L	39
Boettger, F.	Box 33, Neustadt	L	4	L	5
Bonnin, F.V.	9 Stevens St. Oakbine, Tarentorus	L	16		5
Bourdon, A.	St. Isidore de Prescott			L	10
Bradley Bros.	66 Lebel St. Kirkland Lake		14		5
Bradley, P.E.		L		L	
Bradley, S.		L		L	
Bradley, G.	Stittsville	L			
Bradley, P.F.	66 Lebel St. Kirkland Lake	L		L	
Bradley, S.	R.R.1, Sturgeon Falls	L	10	L	12
Bradville Drilling & Exploration Co.	Kirkland Lake		1		
Gelinas, R.		L		L	
LeBlanc, A.		L		L	
Mainville, R.		L			
Brandon, H. & Sons	Courtright		13		26
Brandon, H.		L		L	
Brandon, N.				L	
Brochu, W.C.	116 Highland Rd. North Bay	L	10	L	1
Brodie & Dennis	11 Byron St. Georgetown		26		13
Brodie, R.		L			
Dennis, F.M.		L			
Brohm, M.	Norland	L	4	L	
Burwell, W.L.	R.R.4, Tillsonburg	L	1	L	5
Campbell, B.	Box 356, Chesterville	L	6	L	6
Campbell, L.G.	Box 478, Kingsville			L	2
Campbell, R.M.	Morpeth	L	5	L	6
Canadian Longyear Ltd.	North Bay				3
Gardiner, L.L.				L	
Sabourin, R.				L	

APPENDIX B- DRILLERS LICENSED AND NUMBER OF WELLS DRILLED,  
1953 AND 1954

Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
Caron, J.E.	57 Bourque N., Hull, Que.	L			
Casselman, R.H.	Williamsburg	L	23	L	35
Barkley		L		L	
Weegar, G.L.		L		L	
Caughell Bros.			9		5
Caughell, G.		L		L	
Cayer, Alcide	St. Albert	L	8	L	6
Cayer Alphonse		L			
Chalk, G.H.	R.R. 6, Napanee	L	13	L	53
Stone, D.J.		L		L	
Chalk, G.S.	Box 435, Napanee	L	7		
Chalk, G.H.		L		L	
Mills, M.C.		L			
Challoner, R.F.	15 Johnson Ave. Thornhill	L	18	L	16
Charbonneau, G.	R.R.1, Orleans			L	2
Charlebois, J.A.	Alexandria	L	7	L	4
Christy, W.C.	Vars	L	13	L	9
Clark, A.B.	Box 207, Station D. Hamilton	L	43		47
Scriven, W.		L		L	
Clark, A.M.	R.R.1, Sault Ste. Marie	L	2		
Clark, J.	204 Hollywood Dr. Keswick	L	1	L	
MacDonald C.		L		L	
Cole, G.	Underwood	L			
Conlon, V.	R.R.1, Port Lambton	L	10	L	6
Connell, A.B.	Box 6, Manitowanning	L			
Connor, R.	Ingersoll			L	1
Constable, F.	R.R.2, Woodbridge	L	19	L	45
Adams, G.		L		L	
Burbidge, L.		L		L	
Clubine, D.				L	
Core, E.A.	Milton	L	15	L	13
Core, R.P.	Box 442, Milton	L	11	L	22
Core, W.E.	161 Queen St.E. Brampton	L	9	L	9
Coulter, S.	Echo Bay	L	1		1
Coupland, M.	R.R. 2, Barrie	L	14	L	15
Cross, H.E.	Ryckman's Corners		32		38
Felker, H.		L		L	
Currie, E.	Dobbinton	L	1	L	
Currie, A.		L		L	
Curtis, T.J.	Peterborough	L	2	L	
Dale, W.B.	R.R.2, Wilton Grove	L	11	L	15
Telfer, W.		L			
Davey, G.H.	R.R.4, Kingston	L	3	L	10
Davidson, F.L.	Box 137, Wingham	L	45	L	28
Baker, J.E.		L		L	
McLaughlin, K.A.		L		L	
Sturdy, F.H.		L		L	
Davidson, G.L.		L	30	L	46
Baker, J.E.		L		L	
McLaughlin, K.A.		L		L	
Reid, V.		L		L	
Thompson, E.		L		L	
Davis, H.	R.R.1, Jellyby	L	4	L	13
Davis, I.L.	131 Campbell St. Brantford	L	9	L	11
Davis, T.L.	Jellyby		1	L	5
Davy, W.H. & Son	Verona		130		140
Davy, W.F.		L		L	
Davy, W.H.		L		L	
Knox, J.				L	
Demaray & Nichols	R.R.1, Kerrwood				1
Carrothers, I.		L		L	
Demaray, C.		L		L	
Nichols, C.W.C.				L	

APPENDIX B - DRILLERS LICENSED AND NUMBER OF WELLS DRILLED,  
1953 AND 1954

Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
Demarell, T.J.	R.R.2, Charlton	L		L	1
Dennis, G.A. & Sons	R.R.2, Selkirk		4		3
Dennis, G.A.		L		L	
Dinardo, D.	82 Beech St., Ottawa	L			
Dinsmore, W.W.	R.R.1, Thornbury	L	9	L	8
McGuire, R.		L		L	
Dixon, R.	115 Albion, Brantford	L	2	L	
Dodge, W.P.	49 Ball St., Tillsonburg	L	3	L	1
Dodge, R.N.		L			
Dodge, S.A.				L	
Logan, W.G.		L			
Neville, R.P.				L	
Oatman, J.		L		L	
Dolan, J.	246 Breezehill Ave., Ottawa			L	7
Fleury, F.		L			
Dominion Drilling & Equipment Co.	113 Darling St., Brantford		6		7
Andrews, F.W.		L		L	
Drewery, P.W.	R.R.1, Blenheim		1		
Drury, H.	Blenheim	L		L	
Dubeau, N.	313 Seventh St., Cochrane	L	3	L	3
Duce, G.E.	R.R.3, Fort William	L	15	L	6
Dufresne, C.	103 Sweetland Ave., Ottawa	L	21	L	13
Dufresne, J.R.	931 Maitland Ave., Ottawa	L	69	L	57
Bernier, G.		L			
Cossette, F.R.		L		L	
Roy, W.		L		L	
Earl, S.	R.R.2, Kerrwood		2		4
Earl, T.W.		L		L	
Lather, A.		L		L	
Economical Water Supply	R.R.2, Fletcher		25		52
Kys, F.		L		L	
Zlamal, F.		L		L	
Ellacott Well Drilling	21 Morgan Ave., Doncaster		10		14
Ellacott, J.P.				L	
Embleton, R. & Son	R.R.3, Hamilton		29		35
Embleton, R.		L		L	
Embleton, R.W.		L		L	
Faubert, L.	Paincourt	L	60	L	39
Faubert, L.H.	R.R.1, Eberts		1	L	1
Faulkner, N.N.	687 Water St. Peterborough	L	114	L	122
Dunlop, M.B.				L	
Faulkner, C.M.		L		L	
Lang, F.G.		L		L	
Featherstone, D.	71 Layton St. Kitchener	L			
Featherstone, R.D.	245 Dumfries St. Caledonia	L	14	L	9
Ferguson, J.R.	Maxville			L	4
Field, W.L. & Son	R.R.1, Vineland		22		18
Field, W.L.		L		L	
Field, W.O.				L	
Field, W.R.		L		L	
Findlay, B.	75 Northwood Dr. Newtonbrook	L	42	L	34
Davis, R.P.				L	
Fischer, P.J.	20 Macville Ave. Bridgeport	L	1	L	2
Fockler, G.	Box 63, Ringwood	L	8	L	11
Francis, W.E.	Thornhill	L			
Fraser, C.J.	Box 293, Marmora		63	L	38
Hammers, H.				L	
Friesen Drillers	Box 136, Steinbach, Man.				2
Friesen, J.P.				L	

APPENDIX B - DRILLERS LICENSED AND NUMBER OF WELLS DRILLED,  
1953 AND 1954

Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
Gadke, R.H.	R.R.1, Clifford	L	5	L	
Webber, L.		L		L	
Gagnon, H.	103 Louis St., Sudbury			L	
Gallagher & Barton	Peterborough		23		
Barton B.B.		L			
Gallagher H.C.		L		L	
Gallagher, H.C.	Peterborough	L	10	L	5
Gartshore, W.P.	Sharon	L	5	L	4
Caspiretto, H.A.	R.R.1, Sault Ste. Marie	L		L	1
Gates, J.M.	R.R.3, Cananoque	L	20		
Morrison, A.E.		L		L	
Gauthier, A.	R.R.3, Chesterville	L	26	L	15
Gauthier, H.	Pearson	L		L	
George, W.J.	Wardsville	L	11	L	7
Bruggeman, A.L.		L		L	
Ghent, A. & Son	46 Graham St., Woodstock		13		13
Ghent, A.		L		L	
Ghent, D.		L		L	
Giles, F.W.	67 Pemberton Rd., Richmond Hill	L		L	2
Gill, S.R.	55 Alpine Ave., Hamilton	L	15	L	44
Chivers, L.		L		L	
Lewis, R.				L	
Gilray, T.	Rocklyn	L	2		
Goodberry, C.	Box 115, Verona		28		36
Babcock, G.H.		L		L	
Cronk, L.C.				L	
McCumber, P.E.				L	
Ruttan, B.		L		L	
Gooding & Pedlar	Parkhill		7		
Gooding, H.		L		L	
Gough, M.	R.R.3, Strathroy				1
Gow, O.H.	R.R.4, Fergus	L	19	L	18
Grummett, E.		L		L	
Holmes, D.		L			
Graham, D.	R.R.2, Stouffville	L	16		24
White, T.		L		L	
Graham, J.L.	R.R.3, Guelph	L	39	L	40
Collingridge, W.H.		L			
Earley, A.		L		L	
Graham, R.H.				L	
Henderson, J.W.		L		L	
Moore, W.		L			
Peres, G.				L	
Grextan, J.A.	Bruce Mines	L	5	L	4
Groleau Bros.	44 Taschereau St. E., Rouyn, Que.		10		5
Groleau, A.		L		L	
Groleau, P.		L		L	
Groleau, D.	691 Murdoch Ave., Noranda, Que.	L	15	L	13
Ralford R.	R.R.2, Port Hope	L	21	L	11
Hammond, F.C.	Box 592, Huntsville	L	29	L	23
Clark, H.J.		L		L	
Collins, N.		L		L	
Ripper, D.				L	
Harrison, F.	Box 151, Thornhill	L	20	L	15
Hart, G. & Sons	R.R.1, Fenelon Falls		41		41
Hart, D.		L		L	
Hart, G.		L		L	
Hart, K.		L		L	
Harvie, R.	R.R.1, Brunchton	L			
Haskell, A.E.	Bright	L		L	35
Steinman, N.				L	
Hayden, J.D.	198 Springbank Rd., London	L	13	L	21
Burnett, S.				L	
Hayden, L. & Son	R.R.4, Denfield		5		

APPENDIX B - DRILLERS LICENSED AND NUMBER OF WELLS DRILLED,  
1953 AND 1954

Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
Hayden, J.D.		L		L	
Hayden, L.		L			
Heal, A.A.	Box 264, Watford	L	46	L	34
Ward, M.E.		L		L	
Heil Bros.	107 James St., Essex				11
Heil, J.				L	
Hernandez, M. & Son	Box 262, Harrow		26		38
Hernandez, E.		L		L	
Hernandez, J.A.				L	
Hernandez, M.		L		L	
Hicks & Hawkes	R.R.2, South Woodslee				1
Hawkes, H.				L	
Hicks, J.				L	
Hicks, J.T.	Box 514, Haileybury	L			
Hill, C.	R.R.2, Elora	L	24	L	33
Cudney, J.				L	
Gibson, L.C.		L			
Hirons, E.	Ivy	L	7	L	3
Hodgson, R.	R.R.1, Vittoria			L	10
Hollingshead, P.	Box 17, Holland Landing	L	5	L	3
Hollingshead, N.D.				L	
Hooper, M.B.	R.R.2, Ingersoll			L	4
Hoover, E.E.	307 Talbot St. E., Aylmer	L	12	L	21
Hoover, L.		L		L	
Hopper, W.D. & Sons	R.R.2, Seaforth		32		28
Hopper, J.				L	
Hopper, N.		L		L	
Hopper, W.D.		L		L	
Hoskin Bros.	R.R.1, Burketon		38		78
Hoskin, G.J.		L		L	
Hoskin, L.R.		L		L	
Hoskin, L.R.	R.R.1, Burketon	L		L	6
Howell, L.J.	Box 149, Coldwater	L	7	L	7
Andrews, L.E.		L		L	
Howell, R.W.		L		L	
Sallows, T.				L	
Huffman, B. & Sons	494 Lakeshore Rd., Mimico		5		14
Huffman, J.B.				L	
Huffman, W.		L		L	
Hunter, F.	R.R.2, Woodslee	L	32	L	20
Hutchins, F.A. & Son	R.R.2, Amherstburg		6		7
Hutchins, F.A.		L		L	
Hutchins, H.P.		L		L	
International Water Supply, Ltd.	12 Maitland St., London		74		141
Abbott, B.S.		L		L	
Abbott, M.I.		L			
Abbott, N.R.		L			
Abbott, S.C.		L		L	
Barnhardt, F.J.		L		L	
Bauerlein, D.		L			
Collins, C.M.		L		L	
Demytruk, P.		L		L	
Duncan, H.J.				L	
Hopper, F.G.				L	
Hopper, R.R.		L			
Hykin, A.		L			
Kyle, T.				L	
Labrie, E.		L			
Lalonde, R.		L			
Laur, E.		L		L	
Lougheed, D.		L		L	
McDonald, G.		L		L	
McGeachy, J.		L		L	

APPENDIX B - DRILLERS LICENSED AND NUMBER OF WELLS DRILLED,  
1953 AND 1954

Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
Magee, C.E.		L		L	
Nisbet, J.F.		L		L	
Oliver, L.				L	
Shantz, L.C.		L		L	
Speers, L.		L		L	
Stroh, R.E.		L		L	
Tillapau, F.				L	
Ziler, T.				L	
Jackson, P.	Baden	L			
Jacobson, D.P.	175 Main St. N., Georgetown	L	7	L	13
Jacobson, E.E.		L		L	
Jacobson, P.	R.R.2, Port Credit	L			
Janzen, J.	181 Talbot St., Kitchener			L	4
Jefferson Drilling Co.	Box 31, Oak Ridges		9		6
Brown, H.E.		L		L	
Johnson, W.C.	R.R.2, Maidstone	L	7	L	1
Smith, J.H.		L			
Johnston, J.H.	Blenheim	L			
Johnston, S. & Son	Box 152, Ridgeway		19		13
Johnston, E.		L		L	
Johnston, S.		L		L	
Johnston Well Drillers	786 Little Hill St., London		12		12
Johnston, J.B.		L		L	
Jones, H.E.	R.R.2, Trenton			L	7
Josh, E.	North Burnaby, B.C.	L	1		
Keeso, C.H.	R.R.1, Listowel	L	14	L	20
Keeso, E.A.	Box 43, Clifford	L	18		19
Gadke, R.H.		L		L	
Speers, L.		L		L	
Webber, L.		L		L	
Kemp, R.	R.R.3, Tilbury	L		L	
Kennedy, A.	Box 101, Havelock	L	28	L	37
Keating, G.E.		L		L	
Kenny, O.E.	Lyndhurst	L			
Kenny, R.	R.R.1, Lyndhurst		23		11
Smith, J.A.				L	
Kerber, A.	Waterloo	L	2	L	6
Kerr, H.A.	Box 58, New Hamburg	L	19	L	24
Kerr, C.A.				L	
Kerr, R.		L		L	
Keewick Well Drilling	Pine Beach, Keewick		11		13
Baker, L.C.		L		L	
Baker, L.H.		L		L	
Kettles, J.R.	R.R.1, Ramsayville	L	20	L	20
King, W.	244 Rose St., Sarnia	L	13	L	12
Bugler, A.		L			
King, W. J.	48 Kempster St., Britannia Hgts.			L	16
Knapp, A.	Hornepayne	L			
Knoll & Hallborg	R.R.1, Port Colborne				21
L. Hallborg				L	
Knox, J.	Westbrook			L	
Kramer & McIntyre	298 Humbolt St., Port Colborne				12
Kramer, L.		L		L	
McIntyre, W.				L	
Kramer, L.	R.R.3, Port Colborne	L	23	L	5
Labonte, A.	Belle Vallee	L			
Labreche, E.	Sarsfield	L	5	L	
Lackey & Scott	Burritt's Rapids		13		9
Lackey, N.		L		L	
Lacroix, T.	Leonard	L	9	L	1
La Framboise, R.	Earlton	L	5	L	3
Laramie, C.H.	R.R.1, Kingsville	L	15	L	18

APPENDIX B - DRILLERS LICENSED AND NUMBER OF WELLS DRILLED,  
1953 AND 1954

Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
Fox, R.		L		L	
Lather, R.	R.R.3, Bothwell	L	3	L	14
Lather, V.	R.R.3, Bothwell	L		L	
Law, G.H.	R.R.2, Calabogie	L		L	1
Le Blanc, A.	Box 289, Matachewan	L		L	
Le Claire, H.	Box 68, Comber	L	3	L	3
Lecuyer, J.G.	L'Orignal	L	21	L	13
L'Ecuier, O. & Son	57 Joseph St., Chatham	L	45	L	36
L'Ecuier, D.P.		L		L	
L'Ecuier, O.		L		L	
Leduc, M.	Box 42, Crysler	L	22	L	12
Lefebvre, D.	R.R.1, Glen Robertson	L	4	L	4
Lefebvre, W.	Orleans	L	7	L	
Leveque, L.J.	2062 Westminster Ave., Windsor	L	26	L	21
Lewis, W.	R.R.2, Brinston	L	7	L	
Linton, S.	159 First Ave., Simcoe	L		L	5
Little, G.V.	R.R.2, Addison	L	15	L	29
Clark, K.E.		L			
Morrison, A.E.		L		L	
Longstreet, E.O.	430 Tamarack St., Timmins	L	11	L	17
Longstreet, T.E.		L		L	
Longstreet, J.B.	Matheson	L	10	L	8
Lounsberry, I.T.	35 Woodward Ave., London	L	19	L	23
High, P.		L		L	
Lounsberry, W.A. & Sons	30 Dunlop Dr., St. Catharines	L	41		39
Lounsberry, G.K.		L		L	
Lounsberry, W.G.		L		L	
Ludwig, E.W.	R.R.1, Locust Hill	L	5	L	5
McAlpine, A.S.	Walkers	L	8	L	9
McBeth, W.L.	15 Dufferin St., Aylmer	L	15	L	6
McCarthy, C.A.	Newboro	L	36	L	44
McCauley, S.	Box 37, Mono Road	L	11	L	20
McGlelland, S.M.	Echo Bay	L	10	L	4
McGlennon, L.	Box 339, Wellington,	L	22	L	18
McClung, K.	R.R.1, Caledonia	L	1	L	
McClure, C.	R.R.1, Inglewood	L	19	L	16
McClure, S.K.		L		L	
McClure, G.	1046 Wallace St., Wallaceburg	L	8	L	9
McDonald, H.	609 Duke St., Wallaceburg			L	
McGaffey, E.R.	Box 555, Bothwell	L	47	L	7
McGaffey, A.E.		L		L	
McGaffey, A.J.		L		L	
McGaffey, G.L.		L		L	
McGaffey, R.	Bothwell	L	2	L	5
McGaffey, A.E.		L		L	
McKnight, A.	63 Nipigon Ave., Willowdale		2	L	3
McKnight, C.				L	
McLaughlin, E. & Sons	244 Erb St. W., Waterloo		14		26
McLaughlin, C.A.		L		L	
McLaughlin, E.		L		L	
McLaughlin, R.		L		L	
McLaughlin, E.	R.R.1, Courtright	L			
McLean, F.A. & Son	185 James St., Ottawa		96		78
Egan, F.		L		L	
Kavanagh, W.		L		L	
Law, G.		L		L	
McLean, C. Douglas		L		L	
McLean, Charles D.		L		L	
Moloughney, W.		L		L	
Renaud, M.		L			
McLeod & McBeth	199 Whiting St., Ingersoll		24		31
McBeth, A.		L		L	
McBeth, D.				L	



**APPENDIX B - DRILLERS LICENSED AND NUMBER OF WELLS DRILLED,  
1953 AND 1954**

Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
McLeod K.		L		L	
McLuhan, A.	68 William St., Lindsay	L		L	
McLuhan, F.H.	Mount Forest	L		L	15
McMaster, G.E.	R.R.2, Cainsville	L		L	
McGaffey, A.E.		L		L	
McGaffey, A.J.		L		L	
McMillan & Gartley	125 College St. W., Belleville		14		14
Gartley, J.E.		L		L	
McMillan, A.		L		L	
McNeely, P.A.	Buckhorn	L	18		10
Coltman, F.L.				L	
McRae, N.F.	Garson	L	4	L	
Macdonald, L.B.	Box 516, Lakefield	L	28	L	17
Babcock, G.H.		L		L	
MacPherson, A. & Son	R.R.1, Mooretown		3		3
MacPherson, A.		L		L	
MacPherson, E.B.		L		L	
MacRae, D.	R.R.3, Essex			L	2
Maguire, H.	Shelburne	L			
Mairs, H.M.	R.R.6, Blenheim	L	14	L	13
Marcoux, J.	Nedelec, Que.	L	4	L	1
Marquardt, V.H.	Schutt	L	7	L	14
Marquardt, V.H. & Son	Schutt		14		
Marquardt, E.V.		L			
Marquardt, V.H.		L		L	
Marsh, R.	R.R.1, Wilkesport	L	4	L	5
Marshall, R.	Massey	L	15	L	21
Martin, H.	Grand Valley	L			
Meagher, M.	639 Rowanwood Ave., Ottawa	L	66	L	55
Brannen, J.				L	
Dolan, J.		L		L	
Klatt, R.		L		L	
Law, G.		L		L	
Moloughney, E.				L	
Shepherd, G.G.		L		L	
Merritt, S.W.	R.R.1, Smithville	L	71	L	90
Merritt, P.				L	
Miller, V.N.	Camden East	L	27	L	21
Miller, J.C.				L	
Mills, F.	4 Wills St., Wallaceburg	L	5	L	6
Moloughney, W.	51 McEwan Ave., Woodroffe	L		L	17
Fleury, P.		L			
Montgomery Bros.	R.R.4, Dunnville		8		
Montgomery, R.				L	
Morissette Diamond Drilling Ltd.	Box 440, Haileybury	L	2	L	
Morris, J.H.	R.R.5, Merlin	L	1	L	1
Morrison, C.K.	Easton's Corners	L	16	L	11
Morrison, C.V.	Frankville	L	44	L	31
Johnston, P.B.		L		L	
Morrison, W.C.		L		L	
Mulligan, G.S.			41		
Doherty, E.		L			
Kettles, J.R.		L		L	
Munharvey, J.S.		L			
Renaud, M.		L			
Welkert, H.		L			
Mulligan, S.H.	R.R.1, Britannia Bay		60		32
Byers, W.				L	
Chevrier, P.J.				L	
Guay, Aime		L			
Fuay, Armand		L			
Law, G.		L		L	

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Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
Meloy, J.A.		L			
Petry, G.V.		L		L	
Pioro, A.		L		L	
Munro Bros.	Maxville		11		2
Munro, D.		L		L	
Murphy, J.E.	R.R.2, Westport	L	26	L	20
Murphy, A.		L			
Murray, J.E.	Moorefield	L	2	L	3
Myslik, J.F.	R.R.2, Blenheim			L	3
Nimmo, R.	302 Birch St., Collingwood	L	16	L	15
Noel, D.	250 Riverside Dr., Timmins	L	4	L	2
Nugent, W.V.	Lanark	L	41	L	32
Crosby, J.		L		L	
O'Connor, J.	Box 98, Waterdown	L	35	L	30
O'Connor, B.		L		L	
Ont. Dept. Public Works	Toronto				2
Potter T.W.				L	
Ottoson, O.	Thornhill	L		L	
Ouellette & Tremblay	Harty		3		
Bergeron, A.		L			
Packham, W.	R.R.1, Smithville	L	31	L	39
Palenkas Bros.	Box 159, Rodney		3		
Palenkas, J.		L		L	
Palenkas, P.		L		L	
Payne, A.R.	28 Coldwater St.E., Orillia	L	9	L	18
Taylor, R.				L	
Pearce, N.L.	Coboconk		1	L	
Pearce, R.N.				L	
Pegg, E.	R.R.4, Dundas	L	5	L	14
Perritt, G.E.	Ridgetown				1
Phillips, B.	1119 Palaise Rd., Ottawa	L	48	L	70
Barrett, C.A.				L	
Sztepa, M.		L		L	
Pickering Drilling Contractors	R.R.1, Pickering		3		3
Cowan, D.J.G.		L		L	
Lawson, W.G.		L			
Pilon, J.L.	128 Kennedy Ave., Ferris			L	2
Pilon, T.	Ste. Anne de Prescott	L			
Plant Bros.	R.R.3, North Augusta		7		
Plant, E.W.		L			
Plant, H.E.		L		L	
Plant & Rathwell	R.R.3, North Augusta		2		1
Plant, H.E.		L		L	
Rathwell, H.J.		L		L	
Poliskin Well Drilling	905 Sixth St. W., Cornwall		28		31
Poliskin, M.		L		L	
Poliskin, S.		L		L	
Portelance, I.	472 Murdoch Ave., Noranda, Que.	L			
Poupore, G.	R.R.3, Spencerville	L	1	L	4
Pratt Bros.	R.R.4, Durham				12
Pratt, E.J.		L		L	
Pratt, N.W.		L		L	
Pratt, W.H.		L		L	
Pratt, E.J. & Sons	R.R.4, Durham		11		
Pratt, E.J.		L		L	
Pratt, N.W.		L		L	
Pratt, W.H.		L		L	
Proulx, V.	Box 300, Hearst	L	4	L	3
Purdy, L.	R.R.1, Dundas	L	26	L	28
Purdy, M.F.		L		L	

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Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
Rawson, L.	R.R.3, Petrolia	L	13	L	18
Rawson, R.E.	R.R.1, Corunna		2	L	
Rawson, C.				L	
Reicheld & Legere	24 North St., Barrie				9
Reicheld, F.W.				L	
Reicheld, F.W.	24 North St., Barrie			L	1
Reliance Well Drilling	R.R.1, Keswick		15		14
Miller, C.		L		L	
Rendle, P.	Box 165, Forest	L	9	L	17
Rennick, S.	Bright	L	37	L	
Haskell, A.E.		L		L	
Renwick, R.B.	Thornhill	L	18	L	18
Meadus, I.W.C.		L		L	
Renwick, R.W.	72 McLaughlin St., Arnprior	L	12	L	18
Renwick, J.W.		L		L	
Rice, G.	R.R.1, Fletcher	L	21	L	15
Rice, D.E.		L		L	
Rice, S.S.	Streetsville	L	5	L	1
Richard, A.	Ramore	L	1	L	2
Richmond Hill Well					
Drillers	Richmond Hill				7
Barnett, F.G.				L	
Lecuyer, H.B.				L	
Lecuyer, P.				L	
Russell, P.				L	
Richmond, T.E.	Roblin	L	16	L	13
Richmond, T.A.		L		L	
Ricker, E.A. & Son	Canboro		7		4
Ricker, E.A.		L		L	
Ricker, J.A.				L	
Riddell, L.	Fort Erie		6	L	5
Rioux Well Drilling	Plage Laval, Que.				
L'Ecuier, O.		L			
Roberts, E.F. & Co.	Brantford		1		
Andrews, F.W.		L		L	
Roberts, H.E.	Sombra				1
Robinson, E.	Box 284, Cochrane	L	3	L	1
Robitaille, E.	Ramore	L	4	L	
Roffey, B.	R.R.1, Markham	L	8	L	4
Rolston, H.	Bloomfield		21		20
Rolston, R.		L		L	
Rowe, G.L.	Oak Ridges	L			
Rupke, J.	R.R.1, Kettleby	L		L	
Rutledge, C.H.	1373 Wilson Ave., Downsview	L	2	L	28
Russell, F.				L	
Rutledge, T.H.	1373 Wilson Ave., Downsview	L	19		
Rutledge, C.H.		L		L	
Sanderson, W.	134 Main St., Peterborough	L	48	L	71
Sauder, J.	R.R.1, Wallenstein	L	14	L	27
Sauder, A.		L		L	
Sauder, E.		L		L	
Scharf, W.G.	Hurdman's Bridge	L			
Schenk Bros.	R.R.2, Crediton		4		5
Schenk, G.A.		L		L	
Schenk, P.		L			
Schooley, R.	R.R.3, Port Colborne	L	31	L	29
Sharp, C.	R.R.1, Sault Ste. Marie	L	8	L	3
Shropshire, C.	R.R.5, Orangeville		1	L	5
McConachie, R.		L			
Siegrist, H.T.	R.R.5, London	L	15	L	6
Sigsworth, T.W.	Hartington	L	6	L	5
Simpson, G.R.	Dresden			L	2

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Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
Simpson, R.W.	R.R.2, Dresden			L	2
Simzer, I & Sons	R.R.1, Mountain		29		20
Simzer, G.		L		L	
Simzer, I.		L		L	
Simzer, L.		L		L	
Smelser, I & Sons	Jarvis		1		
Smelser, D.I.		L			
Smelser, I.		L			
Smiley, B.A.K.	Box 72, Madoc	L	36	L	4
Rabcock, G.H.		L		L	
Badgley, W.		L		L	
Cooney, G.				L	
Smith, C.	31 Wellington St., Orangeville	L	10	L	10
Smith, L.M.	R.R.1, Welland	L	5		
Smith, R.R.	R.R.3, Denfield	L	9	L	17
Smith, S.H.	R.R.3, Port Alma	L	4	L	7
Snider, C.E.	R.R.1, Woodbridge	L	22	L	18
Snider, J.A.		L		L	
Snider, J.N.	Woodbridge				2
Snider, J.A.		L		L	
Sparks, B.E.	4 McEwan Ave., Woodroffe	L	22	L	38
Brown, R.		L			
Sparks, F.P.	Stittsville	L	23	L	21
Sparks, C.H.		L		L	
Sparks, K.	R.R.1, South March	L	10	L	1
Sparks, W.M.E.	413 Edgeworth Ave., Britannia Heights	L	36	L	42
Cheslock, E.I.		L		L	
Moloughney, W.		L		L	
Spencer, P.	R.R.1, York	L	2	L	
Sprowl, J.R.	R.R.4, Acton	L	42	L	44
Sprowl, J.C.		L		L	
Stanton, A.	Pakenham	L	12	L	12
Hebb, M.		L			
Pierce, L.W.		L		L	
Steeves, G.C.	Box 13, Argyle			L	
Stefan, J.	Princeton	L	30	L	22
Longstreet, C.		L		L	
Stevenson, M.G.	200 Wonham St., Ingersoll			L	3
Stewart, E.	Jarvis				1
Stewart, H.	R.R.3, Jarvis	L	6	L	10
Strome, C.	Langton	L	10	L	14
Stuart, C.	11 Hyde Park Ave., Hamilton			L	
Subterra Exploration Co. Ltd.	307 Lakeshore Dr., North Bay		4		17
Hicks, C.W.		L		L	
Hicks, J.M.		L		L	
Summers, J.W.	Box 231, Colborne	L	16	L	24
Sundin, D.	R.R.1, Kingsville	L	27	L	24
Sundin, G.M.	R.R.1, Kingsville	L	14	L	9
Sundin, L.	R.R.1, Kingsville	L	18	L	7
Swayze, R.	R.R.5, Simcoe	L	39	L	40
Taylor, E.	Madoc	L	16	L	17
Taylor, E.L.				L	
Thompson, C.	Box 77, Langstaff	L			
Thompson, L.	18 Home St., Brockville	L		L	
Thrower, R.C.	R.R.2, Watford			L	2
Thunder, Bay Drilling	R.R.3, Port William				3
Maley J.E.				L	
Totten, G.A.	Cedarville	L			
Twin City Water Supply	278 Lawrence Ave., Kitchener		4		2
Janzen, J.				L	

APPENDIX B - DRILLERS LICENSED AND NUMBER OF WELLS DRILLED,  
1953 AND 1954

Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
Phillip, F.		L		L	
Tyacke, T.C.	Desbarats			L	1
Tyhurst & Smith	R.R.3, Dresden				7
Tyhurst, R.				L	
Urquhart, J.	Maxville	L		L	
Valley Drilling Co.	1340 Bank St., Ottawa		41		51
Chevrier, M.				L	
Fleury, F.		L			
Johnston, P.E.		L		L	
Klatt, B.		L		L	
Lusk, F.		L		L	
MacHardy, D.		L			
Rabb, M.B.		L			
Renaud, M.		L			
Wade, D.	R.R.5, Wallaceburg	L	37	L	43
Wales, R.C.	Box 48, Reddendale	L	10	L	34
Wards Water Supply	R.R.3, Denfield		11		12
Smith, J.L.		L		L	
Smith, R.R.		L		L	
Warren, C.	Sparta	L	20	L	20
Warren, J.H.				L	
Warren, G.	99 Vienna Rd., Tillsonburg	L	12	L	15
Watson, J.A.	Oak Ridges	L			
Weaver, C.D.	Cobocok	L	13	L	12
Liscombe, G.				L	
Sheldon, M.				L	
Weaver, P.				L	
Weirmier, L.H.	Box 185, Chesley	L	9	L	12
Weirmier, R.		L		L	
Whan, H.A.	Belle Ewart	L	3		1
Wilkinson, A.	R.R.3, Leamington	L	5	L	3
Williams, M.J.	R.R.5, Leamington	L	23	L	29
Windover, W.	835 Confederation St., Sarnia	L			
Winger, W. & Son	209 Emerick Ave., Port Erie		16		32
Winger, G.		L		L	
Winger, W.		L		L	
Wonch, R.H.	Nobleton	L	8	L	5
McVanel, D.		L			
Wonch, G.		L			
Wonch, N.				L	
Wright Bros.	Wiarton		20		17
Wright, A.		L		L	
Wright, L.		L		L	
Wright Bros.	Wiarton		24		19
Wright, R.		L		L	
Wright, S. Jr.		L		L	
Wright, D. & Sons	R.R.5, Wiarton		25		28
Wright, D.		L		L	
Wright, D.E.		L		L	
Wright, W.		L		L	
Wright, F. & Son	633 Hurontarie St., Collingwood		23		34
Wright, P.		L			
Wright, G.R.		L			
Wright, S. & O.	Wiarton		20	L	18
Wright, O.		L		L	
Wright S. Sr.		L		L	
Young, C.W.	R.R.2, Welland	L	1	L	2
Zimmer, A.E.	R.R.3, Thamesville	L	9	L	8
Zimmer, S.	17 Jeffrey St., Chatham	L	3	L	1
Zmija, W.	82 Admiral Rd., Kitchener	L		L	

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ALGOMA DISTRICT Awenge Twp. Sec. 6, N.W. 1/4	W. Dunn	F. V. Bonnin	Jul. 11, 1953	2	2	30	5	Fresh	D	Sand loam 2; reddish-brown sandy clay 330; red clay sand stone bed 343; fine silty sand 350; gravel.
Aweres Twp. Sec. 21, S.W. 1/4	B. Leonard	C. Sharp	Jun. 21, 1953	3	10		Flows	Fresh	D	Red sand 8; blue clay 23; hard gravel 32.
Bright Additional Twp. Con. VI, lot 4	J. A. Hermaston	J. A. Grexton	May 10, 1953	3	2 1/2	12	8	Fresh	D, S	Blue clay 20; gravel 22.
Bruce Mines	N. H. Peterson	"	Jun. 1, 1953	2	2	15	2	Fresh	D	Overburden 18; rock 38.
Bruce Mines	H. Rickaby	"	Aug. 15, 1954	1 1/2	5	11	6	"	D	Hardpan 5; rock 32.
Bruce Mines	Dr. L. R. Hill	"	Sep. 2, 1954	1 1/2	2 1/2	8	1	"	D	Fill 5; rock 32.
Bruce Mines	W. L. Miller	"	Sep. 11, 1954	1 1/2	2	20	15	"	D	Diabase 81.
Day Twp. Con. III, lot 6	D. Sheurfelt	J. A. Grexton	May 21, 1953	3			54	Fresh	D	Greyish sand 65.
Penwick Twp. Sec. 33, N.W. 1/4	W. Lethbridge	F. V. Bonnin	Aug. 23, 1953	2	1/2	Flows	Flows	Fresh	D	Sand 12; hard-packed sand 28; red and blue clay 125; hardpan 130.
Goulais Indian Reserve	W. E. Munaster	C. Sharp	Oct. 28, 1953	2	25	6	6	Fresh	D	Boulders gravel red sand 28.
Johnson Twp. Con. IV, lot 4	E. McClelland	S. M. McClelland	Oct. 1, 1953	2			Flows	Fresh	S	Gravel clay 5; red clay 40; grey clay 62; coarse gravel 65.
Con. VI, lot 4	A. Thompson	J. A. Grexton	Sep. 30, 1953	3	3	20	18	"	D	Red clay 80; hardpan 82.
Con. VI, lot 6	F. Gjos	"	Nov. 10, 1953	3	1/2	30	2	"	D	Red clay 54.
D. L., lot 5	T. C. Tyacke	T. C. Tyacke	Aug. 20, 1954	2	5	5	5	"	D	Clay 70; hardpan 71.
Loc. K	C. Cameron	B. Archibald	Jun. 20, 1953	2	1		3	"	D, S	Red clay 10; soft blue clay 39; grey sand 40; rock.
Korah Twp. Sec. 13, S.W. 1/4	R. Murphy	P. Barker	Sep. 8, 1954	4						Loam 1; sand 140; clay 170; fine sand 208. Dry well.
Sec. 20, N.W. 1/4	S. Ste. Marie	C. Sharp	Dec. 8, 1954	2						Dark brown sand 165. Dry well.
Sec. 23, N.W. 1/4	W. R. Russell	"	Oct. 24, 1953	2						Red sand 86. Dry well.
Sec. 23, S.W. 1/4	A. Aho	W. F. Archibald	Dec. 7, 1953	2			Flows	Fresh	D, S	Loam 6; red clay 106; sand 123.
Sec. 24, N.E. 1/4	E. Scheu	C. Sharp	Oct. 13, 1953	2			30	"	D	Red sand 30; red clay 60; grey sand 155; unknown 185.
Sec. 24, S.W. 1/4	Peoples Service Station	P. Barker	Oct. 20, 1954	2						Clay loam 2; red clay 80; packed sand 110; red clay 160; sand 237; hard-packed gravel 241; sandstone 243 1/2 sand 244; red sandstone 248; sand gravel 248 1/3. Dry well.
Sec. 25, S.W. 1/4	W. Mackie	C. Sharp	Dec. 3, 1953	2			Flows	Fresh	D	Red clay 50; brown sand 60.
Sec. 25, S.W. 1/4	W. Later	"	Dec. 18, 1953	2	5		Flows	"	D	Slag 7; red clay 77; brown sand 110.
Sec. 26, N.W. 1/4	A. Tammala	"	Aug. 27, 1953	2	5		Flows	"	D, S	Red clay 100; grey sand 125.
Sec. 26, S.E. 1/4	R. Robinson	F. V. Bonnin	May 22, 1954	2	25	20	3 1/2	"	D	Sand loam 1; fine sand 4; red clay 77; hardpan 85; red sand 88; stone ledge.
Sec. 26, S.E. 1/4	F. Baker	"	May 31, 1954	2	25	18	5	"	D	Fine sand loam 3; red clay hardpan 77; hardpan sand stone ledges 90 1/2; loose gravel 91 1/2.
Sec. 26, S.E. 1/4	A. Rahn	"	Jun. 10, 1954	2	25	18	5	"	D	Sand loam 1; fine sand 4; red clay hardpan 78; hardpan boulders 85 1/3; sandstone 86.
Sec. 26, S.W. 1/4	D. McFarling	"	Jun. 21, 1953	2			Flows	"	D	Loam 1; sandy loam 8; hard-packed sand 11; red clay 102; mixed red and blue sand and clay 109; red clay 118; hardpan 122; gravel.
Sec. 26, S.W. 1/4	S. Graystone	F. V. Bonnin	Jun. 22, 1953	2	8		Flows	"	D	Loam 1; sandy loam 7; hard-packed sand 11; red clay 102; red and blue clay 109; red clay 110; hardpan 122; gravel.
Sec. 26, S.W. 1/4	R. Armstrong	W. F. Archibald	Nov. 29, 1953	2			Flows	"	D	Clay 80; sand 100; gravel 145.
Sec. 26, S.W. 1/4	Twp. of Korah	C. Sharp	Sep. 12, 1954	2	5		Flows	"	P	Clay 103; gravel 220.

## ALGOMA DISTRICT-cont.

## Korah Twp.-cont.

Sec. 27, N.E. 4	Lanning Dairy	C. Sharp	Jun. 15, 1954	2	7		Flows	Fresh	In	Red clay 65; brown sand 75.
Sec. 27, S.E. 4	S. Oliver	"	Nov. 23, 1953	2	3		Flows	"	D	Black muck 3; red clay 73; brown sand 85.
Sec. 27, S.W. 4	A.G. Charrette	F.V. Bonnin	Sep. 16, 1953	2	25	20	12 1/2	"	D	Loam 8; fine sand 28; red clay 79; hard sand 83; blue and red clay 115; boulders hardpan coarse gravel red sandstone 137; red sandstone loose gravel 149 1/2.
Sec. 27, S.W. 4	R. Lawerance	"	Aug. 26, 1954	2	25	15	7	"	D	Loam 8; fine sand 28; red clay 77; hard sand boulders 81; blue and red clay 127; hardpan 136; coarse gravel boulders 138; red sandstone.
Sec. 32, N.W. 4	E. Fuller	A.M. Clark	Aug. 14, 1953	2				"	D	Clay 42; sandstone 56; packed sand 64; sandstone well not compl.
Sec. 33, N.E. 4	H. Wilson	F.V. Bonnin	Jun. 9, 1953	2	15	6 1/2	6 1/2	"	D	Sand loam 2; hard-packed sand 11; red and blue clay 92; boulders hardpan 99 1/2; gravel.
Sec. 33, N.E. 4	H. Harbottle	"	Jul. 15, 1953	2	250	24	6	"	D	Black muck 3; red clay 94; sandstone boulders 127; blue clay hardpan 130; gravel.
Sec. 33, N.E. 4	H.E. Makila	W.F. Archibald	Aug. 10, 1953	2				"	D	Sand 13; clay 91 1/2; stone 93; gravel 93 1/2; sand hardpan 103. Dry well.
Sec. 33, N.E. 4	O. McCauley	F.V. Bonnin	Aug. 12, 1953	2	15	3	3	"	D	Sand loam 2; hard-packed sand 12; red clay 104; hardpan 112; gravel.
Sec. 33, N.E. 4	G. Jordan	"	Aug. 17, 1953	2	15	3	3	"	D	Sand loam 2; hard-packed sand 14; red clay 111; hardpan 117; gravel.
Sec. 33, N.E. 4	H. Wilson	"	Sep. 17, 1953	2	15	4	4	"	D	Sand loam 2; hard-packed sand 16; red clay 76; boulders 104; hardpan 106; h.p. sand 114; bould. hardp. 126; c. grav. hardp. 127; gravel.
Sec. 33, N.E. 4	C. Robertson	"	Sep. 21, 1953	2	15	4	4	"	D	Sand loam 2; hard-packed sand 11; red clay 87; boulders sandstone coarse gravel hardpan 122; gravel.
Sec. 33, N.E. 4	R. White	"	Sep. 30, 1953	2	15	4	4	"	D	Sand loam 2; reddish-grey hard-packed sand 11; red clay 87; boulders red sandstone coarse gravel red sand hardpan 122; gravel.
Sec. 33, N.E. 4	P. Thompson	"	Oct. 5, 1953	2	15	3	3	"	D	Sand loam 2; hard-packed sand 15; red clay 112; hardpan 118; gravel.
Sec. 33, N.E. 4	S. Baker	"	Dec. 7, 1953	2	25	18	2	"	D	Sand loam 1; fine sand 3; red clay 83; hardpan coarse sand 110; hardpan 120; sandstone boulders 130; sandstone quartz 140; boulders hardpan 149; fine hardpan 150.
Sec. 33, N.E. 4	Meranger	"	Jun. 15, 1954	2	25	20	5	"	D	Loam 1; coarse sand 3; red clay 98; hardpan 112.
Sec. 33, N.E. 4	C. Robinson	W.F. Archibald	Sep. 15, 1954	2				"	D	Red clay 110; granite 112; quicksand 116; granite 116 1/2. Dry well.
Sec. 33, S.W. 4	H.A. Gasparetto	H.A. Gasparetto	Apr. 7, 1954	3				"	D	Red clay 40; black medium gravel 43; boulders 46. Dry well.
Sec. 34, N.E. 4	R. Thibodeau	F.V. Bonnin	Jun. 16, 1953	2	15		Flows	"	D	Sand loam 3; hard-packed sand 7; red clay 83; hardpan 86; quicksand 141; hardpan red sand 145; stone.
Sec. 34, N.E. 4	J. Peterson	A.M. Clark	Jul. 31, 1953	2			Flows	"	D	Red clay 140; grey quicksand 204; gravel.
Sec. 34, N.E. 4	B. Casse	F.V. Bonnin	Oct. 8, 1953	2	15		Flows	"	D	Sand loam 3; hard-packed sand 7; red clay 83; hardpan 86; quicksand 212; hardpan sandstone red sand and clay coarse gravel 218 1/2.
Sec. 34, N.W. 4	P. Lemeke	W.F. Archibald	Jun. 12, 1954	2	20		Flows	"	D	Red clay 170; coarse sand 172.
Laird Twp.										
Sec. 5, N.E. 4	M. Mount	S.M. McClelland	Jul. 31, 1953	2			Flows	Fresh	D	Red clay 48; gravel 50.
Sec. 5, N.W. 4	H. Sadroy	"	Jun. 11, 1954	2	1 1/2		Flows	"	D	Red clay 103; grey clay 162; gravel.
Sec. 6, N.E. 4	K. Barkley	"	Jul. 25, 1953	2			Flows	"	D	Red clay 50; grey clay 60; red clay 165; gravel 169.
Macdonald Twp.										
Sec. 9, N.W. 4	A.S. Smith	S.M. McClelland	Sep. 5, 1953	2			Flows	Fresh	D	Gravel loam 5; red clay 60; coarse gravel 63.
Sec. 17, S.W. 4	United Church	"	Jul. 21, 1953	2			3	"	D	Red clay 40; red and grey clay 100; red clay 152; gravel 155.
Sec. 17, S.W. 4	"	"	Nov. 12, 1953	2	1 1/2	30	3	"	D	Well abandoned.
Sec. 17, S.W. 4	L. Mick	S. Coulter	Oct. 19, 1954	2		210	10	"	D	Loam 20; sand 40; red clay 120; grey clay 130; coarse gravel 132.
Sec. 18, S.E. 4	T.J. Brooks	S.M. McClelland	Jul. 8, 1954	2			Flows	"	D	Black soil 2; quicksand 29; red clay 205; hard sand 210.
Sec. 19, N.E. 4	"	"	Aug. 28, 1953	2			1	"	D	Clay 10; clay gravel 37.
Sec. 19, N.E. 4	T. Miller	"	Jun. 25, 1954	2	2 1/2		Flows	"	D	Muskeg 24. Abandoned.
Sec. 20, N.E. 4	A.T. Robinson	"	Oct. 12, 1954	2			Flows	"	D	Red clay 40; grey clay 67; gravel.
Sec. 20, N.W. 4	L. Watson	"	Jul. 5, 1953	2			3	"	D	Red clay 254; gravel 268.
Sec. 20, N.W. 4	J. Granger	"	Jul. 15, 1953	2			2	"	D	Loam 5; red clay 50; grey clay 60; red clay 104; gravel 109.
Sec. 20, N.W. 4	W. Mick	S. Coulter	Oct. 23, 1953	2	1	57	Flows	"	D	Red clay 50; grey clay 60; red clay 85; gravel 87.
Sec. 32, S.W. 4	R. Ross	S.M. McClelland	Oct. 30, 1953	2			Flows	"	D	Soft red clay 46; hard sand 48; soft red clay 54; white sand gravel 57.
									D	Red clay 20; grey clay 40; red clay 102; sand 103; grey clay 130; coarse gravel 132.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ALGOMA DIST.-cont. Macdonald Twp.cont. Sault Ste.Marie Sault Ste.Marie	P.Seiguin W.F.Archibald	W.P.Archibald "	May 15, 1954 Aug. 14, 1954	2 2	15		Flows Flows	Fresh "	D D	Clay 90; coarse gravel 95. Clay 173; fine gravel 174.
Tarbutt Additional Twp. Con. VI, lot 7	J. Junior	J.A. Grexton	May 8, 1954	3	5	18	9	Fresh	D, S	Clay 31; gravel 32.
BRANT COUNTY Brantford	J.B. Hennifer	J. Stefan	Jan. 25, 1954	6	3	62	62	Fresh	D	Dry yellow sand 66; fine sand 68.
Brantford Twp. C.T.	P. Simmons	I.L. Davis	Aug. 5, 1954	6½	1	40	30	Slightly Sulphur	S	Blue clay 160; bedrock 240.
Con. I, lot 1	J. Abbott	J. Stefan	Sep. 17, 1953	4	7	54	50	Fresh	D	Coarse dirty gravel 34; clay stones 55; blue clay 99; blue rock 100.
Con. I, lot 7	D. Osborne	"	Aug. 28, 1953	6	5	79	77	"	D	Coarse dirty gravel 41; clay gravel boulders 111; rock 112.
Con. I, lot 16	Shell Oil Co. Ltd.	J.L. Graham	Sep. 11, 1954	6½	3	180	114	Sulphur	C	Rough gravel 10; clay gravel 20; soft sandy clay 30; blue clay small stones 84; sandy clay 101; blue clay 146; dark brown rock 170. Blue rock 195.
Con. I, lot 31	Lindsay Construction Co.	I.L. Davis	Dec. 27, 1954	6½	1	40	30	Fresh	D	Blue clay 81; limestone 104.
Con. I, lot 40	M. Selitt	"	Mar. 15, 1953	6½	3	100	60	"	S	Brown clay 84; fine gravel 114; rock 120.
Con. II, lot 28	School	"	Jul. 13, 1953	6	5	30	30	"	P	Sand 40.
Con. II, lot 29	Brantford Civic Golf Club	Dominion Drilling & Equipm. Co.	Nov. 3, 1954	3				"		Sandy loam 3; black muck 10; blue clay 51; limestone. Dry hole.
Con. II, lot 31	D.L. Hucuiak	J. Stefan	Dec. 14, 1953	6	4	48	40	"	D	Sandy clay 28; blue clay 80; clay stones 95; rock 107.
Con. II, lot 49	F. Oprey	R. Dixon	Aug. 4, 1953	12	4	5	0	"	D	Sand 10; blue clay 34.
Con. III, lot 8	N. Young	J. Stefan	Apr. 3, 1954	3	5	84	80	"	D	Coarse dirty gravel 42; clay gravel 70; clay boulders 89; hard clay 113; shale 114.
Con. IV, lot 1	Austin Bros.	"	Oct. 14, 1953	6	5	40	40	"	D	Fine gravel 16; silty sand 46; medium sand 48.
Con. IV, lot 5	M. Verity	"	Feb. 20, 1954	6	5	63	63	"	D, S	Hard sand clay 42; dirty sand 69; medium sand 71.
Con. IV, lot 15	C. Simpson	D.P. Jacobson	Sep. 16, 1954	6½	10	34	32	"	D, S	Brown sand 2; brown sand clay 20; fine brown sand 39; coarse sand fine sand 44; gravel sand 45; sand 56.
Con. IV, lot 16	Canada Packers	I. Lounsberry	Jul. 15, 1954	10	22½	72	59	"	In	Topsoil 18; red sand 72; light grey sand 78.
Con. V, lot 9	J. Fowler	R. Hodgeson	Jun. 5, 1954	8	30	30	30	"	In	Sand 11; white sand 40; fine gravel 66; white sand 84; clay hardpan 119; grey shale 149; brown lime 159; shale 173.
Con. V, lot 15	R. Horvath	J. Stefan	Nov. 13, 1954	4	5	50	50	"	D	Dug well 40; quicksand 78; medium sand 80.
D.H.T.	H. McCracken	I.L. Davis	Jun. 1, 1954	6½	2	75	40	"	D	Blue clay 123; shale 126.
H.R.W.RI, lot 11	M. Only	J. Stefan	Sep. 30, 1953	6	2	40	23	"	D	Blue clay 96; rock 110.
K.T. lot 2	Baker & Dixon	D.P. Jacobson	Jun. 3, 1954	6	22	175	72	"	In	Boulders, sand gravel 16; brown sand boulders 86; grey sandy clay 130; quicksand 137; fine grey sand 167; brown sand 180.
K.T. lot 2	R. Whillits	G. Warren	Nov. 20, 1954	6½	11	65	55	"	D	Clay 2; boulders gravel 14; dry yellow sand 58; wet sand 68; soft putty clay 80; putty sand 170; fine water sand 196; shelly rock 197; grey limestone 200.
K.T. lot 4	R. McAvella	C. Goodberry	Mar. 10, 1954	5½				"		Sand boulders 64; gravel clay 65½; red sand 74; quicksand 80; fine sand 110. Dry well.
K.T. lot 4	Atlas Powder	Dominion Drilling	Jun. 7, 1954	3				Fresh	T	Sand and brown clay 4; clay stones 8; blue clay 12. Dry well.
K.T. lot 4	"	"	Jun. 7, 1954	3			6	"		Sand 7; clay stones sand 12; fine sand 75.
M.T. lot 5	Canada Packers	I.L. Davis	Jul. 6, 1953	6	3	30	5	Sulphur		Brown clay 35; bedrock 100. Abandoned.
M.P.R.W.RI, lot 2	T. Botzang	J. Stefan	Apr. 4, 1953	6	5	45	24	Fresh	D, S	Medium sand 40; clay sand 80; silty clay stone 148; hardpan 150; silty clay 152; shale 161; grey rock 175.
M.P.R.W.RI, lot 5	D. Grantham	"	May 21, 1954	6	5	22	22	"	D	Sandy clay 12; blue clay 22; dirty sand 28; coarse sand 30.
H.P.R.W.RI, lot 6	H. Snider	W.P. Dodge	Nov. 16, 1953	2	6	45	45	"	C	Dug well 20; putty sand 76; wet sand 84; grey clay 100; water sand gravel 106.
O.T. lot 16	Bow Park Farm	I.L. Davis	Dec. 14, 1953	6½	11½	50	40	Slightly Sulphur	S	Gravel 20; blue clay 70; blue shale 81.



## BRANT COUNTY.-cont.

Burford Twp.											
Con. I, lot 12	J. Smutek	M.B. Hooper	Aug. 15, 1954	4							
Con. I, lot 13	G. Causyn	J. Stefan	Jul. 13, 1953	6	5	35	30	Fresh	D	Dark sandy soil 3; grey clay 56; fine sand 71. Dry well.	
Con. I, lot 14	F. Kipp	"	Feb. 18, 1953	6	4	28	25	"	D	Clay small stones 53; coarse gravel 54.	
Con. I, lot 22	D. Wyllie	"	Sep. 7, 1954	6	2½	50	25	"	D	Fine dry sand clay 23; blue clay 52; med. coarse gravel 53.	
Con. II, lot 4	R. Knill	"	Jan. 23, 1953	4	5	40	40	"	D, S	Hard clay stones 18; sandy clay 50; blue clay boulders 88; shale 92.	
Con. IV, lot 7	P. Kotlar	"	Apr. 13, 1954	4	5	70	60	"	D, S	Fine yellow sand clay 38; fine sand 50; med. fine sand 55.	
										Dug well 22; sandy clay 50; fine dirty sand 34; blue clay 120; clay stones 125; rock 130.	
Con. VI, lot 2	C. Arrowsmith	"	Feb. 5, 1954	6	3	40	36	"	D	Dug well 35; dirty gravel 47; fine gravel 48.	
Con. VII, lot 3	F. Baldson	"	Apr. 23, 1954	6	5	24	24	"	D	Coarse gravel 24; fine gravel 30; coarse water sand 32.	
Con. VIII, lot 14	A. Lukak	"	Nov. 2, 1953	6	5	34	33	"	D, S	Sandy clay 18; clay stones 28; sandy clay 45; hard blue clay 57; rock 58.	
Con. VIII, lot 20	E. Hammond	"	May 29, 1953	6	5	33	31	"	D, S	Clay boulders 54; shale 56.	
Con. VIII, lot 24	W. Hajdu	"	Nov. 16, 1953	6	5	16	13	"	D, S	Clay stones 25; rock 30.	
Con. IX, lot 13	W. Sanderson	"	Apr. 21, 1954	4	5	21	18	"	D	Yellow clay 17; sandy clay 25; fine dirty sand 60; clay stones 70; shale 71; rock 72.	
Con. X, lot 12	S. Pachnie	"	Jan. 14, 1953	6	5	20	18	"	D, S	Clay stones 18; blue clay 29; rock 37.	
Con. X, lot 20	J. B. Henry	"	Nov. 5, 1953	6	4	25	15	"	D, S	Sand clay stones 21; blue clay 56; rock 60.	
Con. XI, lot 23	R. Proper	A. Ghent & Son	Jul. 8, 1954	4	4	18	16	"	D, S	Well dug 22; blue clay 58; gravel 59.	
Con. XII, lot 13	N. Bowman	J. Stefan	Nov. 13, 1953	6	4	28	21	"	D, S	Dry yellow sand 21; clay stones 24; sandy clay 49; blue clay stones 63; shale 78; rock 80.	
Con. XII, lot 20	D. Kovacks	A. Ghent & Son	Jul. 15, 1954	4	4	20	15	"	D, S	Well dug 10; blue clay 35; hardpan 49; sand 60; gravel 62.	
Con. XII, lot 23	H. C. Pollard	W. P. Dodge	Oct. 9, 1953	4	13½	26½	20	"	S	Clay loam 3; yellow clay boulders 34; blue clay 51; shale 53; gravel 55; limestone 57.	
Con. XIII, lot 1	C. Piczerf	J. Stefan	Apr. 8, 1953	6	5	39	39	"	D	Coarse gravel 45; coarse sand 47.	
Con. XIII, lot 1	Catholic Church	"	Jul. 8, 1953	6	4	32	32	"	P	Dry sand 7; clay stones 31; blue clay 38; coarse sand 40.	
Con. XIII, lot 1	A. C. Taylor	"	Oct. 5, 1953	6	5	56	56	"	D	Clay sand 8; coarse dirty gravel 46; silty sand 51; med. sand 63.	
Con. XIII, lot 1	H. Hagerman	"	Feb. 26, 1954	6	2½	60	60	"	D	Sandy clay 22; dirty gravel 43; sand 68; coarse sand 70.	
Con. XIII, lot 1	A. Dol	"	Oct. 8, 1954	6	5	50	50	"	D	Coarse gravel 8; sandy clay 35; dirty sand gravel 55; med. sand 58.	
Con. XIV, lot 1	J. Vadas	"	Jul. 6, 1953	6	5	50	50	"	D	Clay stones 22; hardpan 58; coarse sand 60.	
Oakland Twp.											
Con. II, lot 1	K. McNelles	J. Stefan	Oct. 9, 1953	6	5	58	58	"	D	Coarse dirty gravel 31; silty sand 65; clean med. sand 70.	
Con. II, lot 1	R. Wheeler	"	Mar. 10, 1954	6	5	28	28	"	D	Dirty gravel 18; clay gravel 27; dirty sand 34; clean med. sand 36.	
Con. IV, lot 7	R. Mulligan	"	May 17, 1954	4	5	54	54	"	D	Coarse gravel boulders 42; hard clay gravel 58; med. sand 60.	
Onondaga Twp.											
Con. I, lot 30	H. E. Weir	R. D. Featherstone	May 22, 1953	6	20	30	30	Sulphur	S	Yellow clay 16; clay sand 22; blue clay streaked w/ sand 79; brown limestone 34.	
M. M. E. P. C. lot 6	W. Collins	R. Dixon	Aug. 15, 1953	12	3½	14	14	Fresh	D	Top soil 3; sandy soil 10; blue clay 33.	
M. M. E. P. C. lot 78	Caledonia	"	"	"	"	"	"	"	"	"	
M. M. E. P. C. lot 79	Hunters & Anglers	R. D. Featherstone	Nov. 12, 1953	5	15	35	32	"	C	Yellow clay 14; blue clay 30; hardpan 40; shale gypsum 47.	
M. M. E. P. C. lot 84	R. Nunn	"	Dec. 11, 1954	6	17	35	29	"	D	Yellow clay 14; blue clay 36; hardpan 44; gypsum shale 52.	
	H. C. Douglas	"	Feb. 3, 1954	6	2	18	18	"	S	Yellow clay 3; sand 7; soft blue clay sand 14; hardpan stones 22; shale or limestone 23; space 25; gravel on bottom.	
South Dumfries Twp.											
Con. I, lot 2	Harrisburg School	I. L. Davis	Apr. 22, 1954	6½	15	80	60	Sulphur	P	Hard brown clay 25; blue clay 118; blue shale 134.	
Con. I, lot 20	Kittichens School	"	Oct. 1, 1953	6	6	50	50	Fresh	P	Hard sand 30; soft sand 60.	
Con. I, lot 21	C. Clump	"	Oct. 13, 1953	6	6½	75	75	"	D, S	Brown clay boulders 95.	
Con. I, lot 25	J. D. Detwiler	J. Stefan	Apr. 20, 1953	6	3½	119	118	"	D	Coarse gravel 62; blue clay 125; rock 128.	
Con. II, lot 32	M. M. Wilson	"	Oct. 5, 1954	6	2½	57	53	"	D	Coarse gravel 42; silt boulders 47 sand gravel clay 72 med. gravel 7	
Con. II, lot 37	S. Cochrane	A. E. Haskell	Nov. 27, 1954	5½				"	"	Red clay 31; dirty sand 104; blue clay 161; dirty gravel 170; blue shale 218; brown dolomite grey shale 238; white/grey gypsum 281; light grey dolomite dark shale 285. Dry well.	
Con. II, lot 37	"	"	Dec. 3, 1954	5½	5	42	36	Fresh	D	Red clay 31; dirty sand 99; gravel 100.	
Con. III, lot 6	C. Garland	I. L. Davis	Jun. 12, 1954	6½	1½	6	2	"	"	Stones boulders 40.	
Con. IV, lot 8	W. McCorker/Son	A. Kerber	Aug. 28, 1954	4½	5½	50	50	"	D, S	Yellow clay heavy boulders 50; s. hardpan 90; coarse sand 130.	

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRANT COUNTY-cont.										
South Dumfries-cont.										
Con. VI, lot 2	G.A. Preston	J. Sauder	Nov. 20, 1954	5	11½	160	150	Fresh	D, S	Topsoil 2; clay stones 40; blue clay 75; hardpan 140; dry gravel 157; brown clay stones 130; blue shale 134; red clay stones 210; stone 212; red clay stones 224; med. sand 227; shale 235; dolomite 292; limestone 324; brown limestone 328.
Con. VI, lot 13	R.C. Clarkson	J. Sauder	Oct. 30, 1953	5½	15	125	125	"	D	Topsoil 2; stone boulders 35; hardpan 50; blue clay 60; hardpan stones 75; sandy clay 82; hardpan 114; boulder 116; sandy clay 125; hardpan 167; boulder 171; hardpan 179; boulders 181; sand stones 191½; sandy clay 198; rock 295.
Gore, lot 13	T.H. Edwards	J. Stefan	Jun. 29, 1953	6	1½	25	20	"	D	Sandy clay 97; light coloured rock 183.
Gore, lot 27	McColl-Fontenac Oil Co. Ltd.	J.L. Graham	Aug. 20, 1954	6½	2	135	115	"	C	Stones clay 14; stones gravel 19; sandy clay 66; hardpan boulders 87; sand boulders 93; sandy hardpan boulders 98; cemented gravel 105; sandy clay 115; cem. gravel 126; sandy clay 145; cem. gravel 159; dark grey rock 169; light brown rock 200.
Gore, lot 28	Sun Oil Co. Ltd.	Brodie & Dennis	Sep. 3, 1954	6½	20	130	40	Salt	C	Loose sand 18; gravel 32 gravel boulders 82; quicksand 120; silt; 128; fine gravel silt 150; silt 210; shale 215.
Tuscarora Twp.										
Con. I, lot 2	J. Crain	R. Swayze	Feb. 19, 1954	6½	3		13	Sulphur	S	Clay 40; sand gravel 65; limestone shale 70.
Con. IV, lot 9	W. Burnham	R.D. Featherstone	Mar. 16, 1954	6	20	38	36	Fresh	D, S	Yellow clay 15; blue clay 46; red clay stones 50; limestone shale 60; blue shale 72.
Con. IV, lot 18	Ohseken Church	J. Stefan	Jul. 13, 1954	6	5	42	40	"	P	Hard yellow clay 18; blue clay 49; shale 59; light grey rock 63.
Con. IV, lot 19	School	R.D. Featherstone	Jan. 24, 1953	6	25	24	24	"	P	Yellow clay 20; blue clay 55; red clay 58; hardpan 63; blue shale 66.
Con. V, lot 19	Lady Willingdon Hospital	E.P. Roberts & Co.	Aug. 10, 1953	12	50	60	27	Mineral	P	Grey clay 3; blue clay 65; blue shale 88; white limestone 90.
Con. V, lot 20	C. Martin	R.D. Featherstone	Feb. 15, 1954	6	21½		29	Fresh	D, S	Yellow clay 15; blue clay 82; tough red clay; 83 gravel broken limestone 85.
BRUCE COUNTY.										
Albemarle Twp.										
B.R.E. Con. I, lot 17	J. Givens	Wright Bros. (Rand S.)	Sep. 8, 1954	5	10	25	20	Fresh	D, S	Topsoil 5; sand 15; clay stones 30; small boulders clay 39; grey limestone 130.
B.R.E. Con. I, lot 21	H. Morgan	" (L&A)	Jun. 15, 1954	4	10	70	50	"	D	Previously drilled 120; white limestone 164.
B.R.E. Con. II, lot 18	W. Adams	" (R&S)	Apr. 26, 1954	5	5	30	20	"	D	Dirt stones 7; limestone 100.
B.R.E. Con. VII, lot 29	T. Dawson	" (L&A)	Jun. 14, 1954	5	10	44	11	"	D, S	Soil 6; limestone 44.
B.R.E. Con. VIII, lot 30	C. Barfoot	D. Wright & Sons	Sep. 30, 1954	4	1	80	15	"	D, S	Loose shale 25; grey limestone 80.
B.R.E. Con. VIII, lot 30	"	"	Oct. 15, 1954	4	10	20	6	"	D, S	Loose shale 10; grey limestone 71.
B.R.E. Con. IX, lot 35	D. Portman	Wright Bros. L&A	Jul. 1, 1953	4½	1	40	30	"	D	Boulders 40.
B.R.E. Con. XII, lot 29	C.H. Gilbert	D. Wright & Sons	May 18, 1954	4½	7	80	50	"	D	limestone 98; brown rock 108.
B.R.W. Con. I, lot 21	G. Gale	Wright Bros. L&A	Jun. 24, 1953	4½	12	54½	15	"	D	Clay stones 41½; rock 54½.
B.R.W. Con. II, lot 12	I. Mateer	"	Jul. 10, 1954	5	5	80	14	"	D	Soil 14; limestone 80.
B.R.W. Con. V, lot 20	C.C. Wheeler	"	Jun. 5, 1953	4½	12	50	4	"	D	Sand 9; rock 99.
B.R.W. Con. V, lot 21	R.J. Rogers	"	Apr. 17, 1953	4	12	50	10	"	D	Soil 2; rock 50.
B.R.W. Con. V, lot 21	H.J. Hollinger	"	May 8, 1954	5½	1	70	3	"	D	Shakey rock 12; limestone 70.
B.R.W. Con. V, lot 26	D.H. Page	D. Wright & Sons	Sep. 4, 1954	4	8	12	6	"	D	Brown limestone 78.
Amabel Twp.										
Con. D, lot 33	G.H. Ziegler	H.B. Bellerby	Jul. 25, 1953	6	15	6	6	Fresh	D	Sand gravel 18; broken rock 22; limestone 78.
Con. D, lot 33	A.M. Nichol	"	Aug. 30, 1954	5	5	16	16	"	D	Sand 16; clay 40; grey limestone 76.
Con. D, lot 43	O.B. Millar	Wright Bros. (R&S)	Jun. 1, 1954	4½	5	18	6	"	D	Sand 4; limestone 58.
Con. D, lot 43	H.E. Summerville	"	Jun. 5, 1954	4½	5			Flows	Slightly Sulphur	Sand 4; grey limestone 50.
Con. D, lot 43	T. Moore	D. Wright & Sons	Jul. 28, 1954	4	10	51	3	"	D	Grey limestone 41; brown limestone 51.
Con. D, lot 46	W. Deary	Wright Bros. (R&S)	Jun. 15, 1954	5	5	16	15	"	Slightly Sulphur	Sand stones 3; limestone 50.
Con. I, lot 5	L. Beatty	D. Wright & Sons	May 24, 1954	4	8	12	10	"	D, S	Dug well 20; grey limestone 80.
Con. V, lot 1	H. Radbourne	Wright Bros. (R&S)	Mar. 4, 1953	4½	3		20	"	D	Clay stones 15; limestone 85.

## BRUCE COUNTY-cont.

## Anabel Twp.-cont.

Con. V, lot 17	G. Chambers	G.L. Davidson	Aug. 11, 1953	6	5	24	24	Fresh	D, S	Coarse gravel 32; fine gravel 33.
Con. X, lot 17	H. Weiler	Wright Bros. R&S	Aug. 4, 1954	4	10	15	8	"	D	Sand 10; fine sand 20; quicksand 50; boulders gravel 60; sand light clay 80; gravel clay 90; fine gravel 103.
Con. XII lot 12	J. Patterson	Wright Bros. "	Jul. 11, 1954	5	7	11	10	"	D	Previously drilled 35; limestone 60.
Con. XIII " 4	D. Quick	"	Jun. 8, 1954	4 1/2	3	12	10	"	D	Sand heavy soil 8; limestone 80.
Con. XIV lot 27	J.B. Allen	"	May 2, 1953	4	12	50	Flows	Sulphur	D	Soil stones rock 47.
QRS R. II lot 36	R. Jones	"	Oct. 2, 1954	4 1/2	5	50	30	Fresh	D	Sand gravel 9; clay stones 9; grey limestone 64.
Arran Twp.										
Con. V, lot 25	B. Coleman	E. Currie	Oct. 20, 1953	2	4	60	29	Fresh	D, S	Topsoil 3; clay sand boulders 122; limestone 188 1/2.
Con. VI, lot 34	R.L. Proud	Wright Bros. L&A	Apr. 10, 1953	4 1/2	5	10	10	"	D	Gravel small stones 6; limestone 115.
Con. IX, lot 15	H. Plant	G.L. Davidson	Jun. 25, 1954	4	6	77	77	"	D	Sand 32; stones 122; stony hardpan 153; quicksand 204; stony till 217; hard grey limestone 239.
I.L.S. lot 29	H. McCulloch	Wright Bros. L&A	Oct. 25, 1954	4 1/2	12	116	15	"	D	Dug well 20; sand stones 50; limestone 116.
Brant Township										
Con. A, lot 7	G. Wilhelm	F.L. Davidson	Jul. 19, 1954	4	12	30	24	Fresh	D, S	Clay 26; sand 55; clay gravel 83; limestone 137.
Con. VI, lot 30	W. Huenemörder	G.L. Davidson	Dec. 7, 1953	4	6	74	74	"	D, S	Sand stones 18; sand 158; marl 190; sand 225; till 240; blue clay shale 252; soft brown limestone 262.
Con. VII lot 9	G. Kastner	F.L. Davidson	Oct. 9, 1953	4	5	172	140	"	D, S	Clay 15; till 60; marl 85; sand 125; marl 139; blue clay 233; limestone 253; shale 339.
Con. X, lot 16	E. Prues	G.L. Davidson	Apr. 6, 1954	4	5	80	30	Slightly Sulphur	D, S	Clay 28; sand 58; clay 96; clay sand gravel 170; shale 192; limestone 222.
DRM. Con. I lot 36	F. David	E. Keeso	Aug. 25, 1953	4	10	27	24	Fresh	D	Gravel 12; sand 31; clay gravel 58; shale 66; limestone 92.
DRM. Con. III " 51	H. Baetz	G.L. Davidson	Nov. 9, 1954	4	6	86	86	"	D, S	Quicksand 30; dry sand 72; quicksand 102; dry sand 108; stony clay 165; blue clay 208; stony clay 235; quicksand 265; brown clay 304; sand gravel 372; gravel 376.
DRS. Con. I lot 33	R. Walker	F.L. Davidson	Jun. 15, 1953	6 1/2	50	54	54	"	D	Gravel 19; till 50; shale 55; brown limestone 102.
D.R.S. Con. I " 35	W. Riley	G.L. Davidson	Nov. 7, 1953	4	6	46	46	"	D	Gravel stones 66; hard rock 78; soft blue rock 97.
DRS. Con. III " 38	W. Wilhelm	F.L. Davidson	Jun. 22, 1953	4	15	40	30	"	D, S	Clay 22; sand 43; till 59; gravel 70; clay 80; shale 93; limest. 100.
Bruce Twp.										
Con. I, lot A	W.E. Campbell	G.L. Davidson	May 31, 1954	4	4	Flows	Flows	Fresh	D	Stony gravel 18; shale 33; limestone 90.
Con. I, lot 30	W. Ferris	"	Oct. 3, 1953	4	10	22	22	"	D, S	Clay 18; marl 32; clay 122; sand gravel 126; till; 196; clay 210; soft brown rock 229.
Con. VI, lot E	School SS No 6	"	Jan. 21, 1954	4	8	44	44	"	P	Blue clay 52; blue clay sand layers 102; blue clay 142; sand gravel 165; shale 176; med. hard brown limestone 215.
Con. IX lot 29	F. McCullough	"	Nov. 19, 1954	4	10	55	55	"	D, S	Blue clay 70; quicksand 124; dry sand 136; blue clay 148; quicksand 192; shale 216; hard limestone 221; soft limestone 232.
L.R. lot 1	E.S. Hasting	F.L. Davidson	Jul. 7, 1953	4	15	10	10	"	D	Till 33; rock 87.
L.R. lot 2	L. Henderson	R. Gadke	Jul. 11, 1953	4	12	6	6	"	D	Sand fine gravel 38; brown and grey limestone 72.
Cape Croker Indian Reserve.										
E.R. Con. I lot 34	O. Johnson	D. Wright & Sons	Jan. 2, 1953	4		25	25	Fresh	D	Gravel 25; clay 35; gravel 41.
E.R. Con. I lot 35	United Church	Wright Bros. R&S	Jul. 13, 1953	6 1/2	3		12	"	D	Heavy loam stones 5; sand 10; shale 40.
E.R. Con. IV lot 15	Indian Day School.	D. Wright & Sons	Apr. 14, 1953	4 1/2	2	65	40	Salt	P	Clay 6; rock 18; blue shale 35; red shale 100.
W.R. Con. II lot 38	E. Ackewenzie	Wright Bros. R&S	Jul. 10, 1953	4 1/2						Soil 2; limestone 51. Abandoned.
W.R. Con. III " 38	Indian Day School.	D. Wright & Sons	Jan. 8, 1953	4	8	6	6	Fresh	P	Sand gravel 6; rock 25.
Carrick Twp.										
Con. C, lot 18	H. Durrer	G.L. Davidson	Aug. 9, 1954	4 1/2	12	25	20	Fresh	D, S	Sand gravel 36; hardpan 56; brown shale 72; soft brown limest. 125.
Con. IV, lot 30	School SS #12	E.A. Keeso	Dec. 20, 1954	4	14	5	4	"	P	Brown clay 10; clay w/ gravel 32; grey shale rock 62; brown limest. 91; white limestone 145.
Con. V, lot 29	M. Forster	"	May 26, 1953	4		Flows		"	S	Black top soil 5; blue clay 45; shale rock 88; hard blue limest. 11

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRUCE COUNTY-cont.										
Carrick Twp.-cont.										
Con. VI lot 32	C. Forster	E.A. Keeso	May 14, 1953	4	10		Flows	Fresh	3	Gravel clay 29; hard blue limestone 69.
Con. X7 lot 30	Catholic School	F. Boettger	Sep. 23, 1953	4	1 1/2	80	75	"	2	Top soil 3; gravel clay boulders 75; limestone 90.
Culross Twp.										
Con. A lot 31	A. Haugh	F. L. Davidson	May 29, 1953	4	10	70	68	Fresh	D	Till 130; rock 172.
Eastnor Twp.										
BRB, Con. II, lot 26	Pilgrim Church	Wright Bros. & S	Oct. 23, 1954	4 1/2	2	30	15	Fresh	D	Stones black soil 2; grey limestone 51.
BRB, Con. III lot 25	Perndale School	S & O Wright	Apr. 22, 1953	4 1/2	8	20	15	"	P	Top soil 2; limestone 85.
BRB, Con. III lot 25	C. Shaw	D. Wright & Sons	Aug. 5, 1954	4 1/2	6	20	12	"	D	Top clay 8; grey limestone 40.
BRB, Con. III lot 27	Perndale Con. Prk	Wright Bros. & S	Aug. 19, 1953	5	12	33	10	"	P	Soil 2; rock 33.
BRB, Con. III lot 27	H. Loughhead	D. Wright & Sons	Jul. 31, 1954	4	10	15	10	"	D, S	Clay 1/2; grey limestone 68.
BRB, Con. V lot 13	J. Dawson	"	Jul. 22, 1954	4	12	3	3	"	D	Brown clay sand 15; grey limestone 57.
BRB, Con. V lot 30	K. Bruin	S & O Wright	May 2, 1953	4 1/2	1 1/2	90	63	"	D	Top soil 3; gravel 7; limestone 106.
BRB, Con. VII lot 18	D. Priest	Wright Bros. & S	Jun. 9, 1954	5	5		6	"	D	Soil 2; limestone 25; blue shale 39; supplies only 2 p.p.h.
BRB, Con. XI lot 12	L. Hoath	"	Sep. 20, 1954	5	1	140	89	Salt	S	Limestone 167; blue shale 171.
BRW, Con. III lot 27	G. Bowden	S&O Wright	Aug. 12, 1953	4	10	53	20	Fresh	D	Limestone 53
BRW, Con. III lot 38	M. Busley	Wright Bros. & S	Sep. 8, 1953	4 1/2	12	39	10	"	D	Rock 39.
BRW, Con. III lot 38	J. Fridmore	Wright Bros. & S	May 31, 1954	5	5	30	15	"	D	Stones dirt 3; limestone 51.
BRW, Con. III lot 39	K. Smith	S&O Wright	Jul. 31, 1953	4 1/2	10	9	4 1/2	"	D	Light soil 1; limestone 33.
BRW, Con. III lot 39	H. Saunders	"	Aug. 5, 1953	4	10	55	10	"	D	Limestone 55.
BRW, Con. III lot 39	T. Welsh	"	Sep. 18, 1953	4 1/2	10	20	15	"	D	Limestone 55.
BRW, Con. III lot 39	L. Smith	Wright Bros. & S	Aug. 2, 1954	4 1/2	5	20	8	"	D	Limestone 30.
BRW, Con. IV lot 27	R. Hughes	"	Jun. 22, 1954	5	10	12	5	"	D	Top soil 2; grey limestone 51.
BRW, Con. IV lot 37	M. Kirton	"	Jul. 20, 1953	4	3		15	"	D	Shore sand 3; limestone 35.
BRW, Con. IV lot 39	H. S. Feeney	"	Aug. 18, 1954	5	4	30	20	"	D	Topsoil 2; limestone 60.
BRW, Con. V lot 2	K. Ringrose	"	May 21, 1953	4 1/2	12	45	15	"	D	Soil 1; rock 45.
BRW, Con. V lot 2	C. G. Choate	"	Jun. 12, 1953	4 1/2	12	51	20	"	D	Soil 2; rock 51.
BRW, Con. V lot 38	E. Reichel	"	Aug. 24, 1954	4 1/2	5		10	"	D	Topsoil 4; sand 10; clay stones limestone 48.
Elderslie Twp.										
Con. V, lot 25	R. Love	F. L. Davidson	Jan. 22, 1953	4	14	65	61	Fresh	D, S	Till stones 115; shale 130 grey hard limestone 253.
Greenock Twp.										
Con. XVII lot 8	D. J. Metcalf	G. L. Davidson	Aug. 25, 1953	4	5	30	30	Fresh	D, S	Sand gravel stone 22; brown shale rock 42; hard brown rock 96; medium hard rock grey, 125.
Con. XX lot 1	G. Brown	"	Aug. 18, 1953	4	6		75	"	D, S	Till 40; sand gravel 88; sand 102; soft blue shale 116; soft red shale 131; hard blue rock 144.
Hepworth	E. Robins	Wright Bros. & S	Jun. 15, 1953	4 1/2	5		30	Fresh	D	Fine sand 8; gravel sand 10; heavy clay 12; limestone 62.
Hepworth	E. Robins	"	Sep. 23, 1953	4 1/2	5		40	"	D	Previously drilled 62; limestone 127.
Hepworth	D. Matherson	"	Oct. 20, 1953	5	5		25	"	P	Previously drilled 71; limestone 113.
Huron Twp.										
Con. I lot 3	A. Hamilton	G. L. Davidson	Jan. 30, 1954	4	6	110	110	Fresh	D, S	Clay 25; sand 38; clay 38; gravel stones 102; till 171; soft brown limestone 197.
Con. II lot 27	A. B. MacCharles	"	Jan. 3, 1953	4	5	85	85	"	D, S	Clay 32; quicksand 92; dry sand 110; till 148; shale 181; brown limestone 203.
Con. II lot 36	M. Henry	"	Jul. 21, 1953	4	6	85	85	"	D, S	Clay 97; sand 174; till 255; sand gravel 264; rock 273.
L.R. lot 48	H. Emmerton	"	Apr. 30, 1954	4	6	133	90	"	S	Brown clay 18; blue clay 132; sand clay 138; blue clay 218; sand 276; soft shale with seams of clay 309; soft brown limestone 315.
Kincardine Twp.										
Con. A lot 52	C. Snelling	E. A. Keeso	Jul. 19, 1954	4	10	16	15	Fresh	D	Sand 13; brown shale 37; brown limestone 185.

## BRUCE COUNTY-cont.

## Lincolndine Twp.cont.

Con.A	lot 63	P.M.Halls	P.L.Davidson	Jun.27,1953	4½	23	5	Fresh	D	Coarse gravel stones 37; rock 92.
Con.A	lot 63	C.Brenner	"	Aug.10,1953	4	12	65	12	"	D Coarse gravel stones 11; brown limest.120; hard grey limest.165.
Con.A	lot 65	N.Somerville	"	Jul.19,1953	4	5	60	16	"	D Till 7; rock 134.
Con.A	lot 67	"	"	Aug.19,1953	4	5	60	16	"	D Shale; rock 40; brown limestone 134.
Con.A	lot 69	W.J.Preston	"	Jul. 4,1953	4	20	13	11	"	D Till 5; rock 84.
Con.VIII	lot 31	H.Heedhan	G.L.Davidson	Oct.27,1954	4	6	94	94	"	D,S Brown clay 38; sand 48; hardpan 58; marl 92; blue clay 158; sand gravel 210; hardpan 227; shale 239; limestone 275.
ERN.Con.II	lot 38	Wilson Bros.	P.L.Davidson	Jul.23,1954	4½	15	32	29	"	D,S Clay 34; sand 43; clay 60; gravel 108; limestone 137.
Kinloss Twp.										
Con.I	lot 58	G.Tucker	G.L.Davidson	Sep.11,1953	4	3½	60	10	Fresh	D Gravel 60; sand gravel 89; hardpan stones 112; soft shale 123; hard brown rock 153.
DRS,RI	lot 19	H.Bannerman	P.L.Davidson	Mar. 6,1953	4	10	100	45	"	D Clay 60; sand 92; clay 125; till; 218; sand 231; hard brown limest.328.
Lindsay Twp.										
BRE.Con V	lot 11	A.McCarthy	D.Wright & Sons	Jul.14,1954	4½	1	50	45	Fresh	D Top clay 3; loose shale 9; gray limestone 108.
BRE.ConVIII	" 40	S.Bartley	"	Jun.15,1954	4½	8	10	4	"	D,S Previously drilled 15; gray limestone 40.
BRE.Con IX	lot 34	O.Foster	S & O Wright	Jun. 2,1953	4½	10	62	27	"	D Gravel 15; limestone 62.
BRE.Con IX	lot 34	Portman Bros.	"	Jun. 9,1953	4½	10	44	40	"	D Gravel 62.
BRE.Con IX	lot 34	A.A.Eves	Wright Bros.L&A	May 29,1954	3½	12	30	30	Salt	D Loose stones 30; limestone 43; clay sand 49; white limest.54; sand 60; white limest.65; clay stones 75; shale 80. Abandoned.
BRE.Con IX	lot 34	"	"	Jun. 3,1954	4½	12	45	39	Fresh	D Loose stone 30; clay and soil 35; coarse sand 45.
BRE.Con XI	lot 42	J.Schofield	D.Wright & Sons	Jun.12,1954	4½	10	15	10	"	D Grey limestone 55.
BRW.Con.II	lot 5	A.Rose	S & O Wright	Jul.24,1953	4	10	80	22	"	D,S Previously drilled 67; limestone 142.
BRW.ConIII	lot 5	D.Rouse	D.Wright & Sons	Jun.25,1954	4½	8	16	8	"	D Top clay 2; loose rock 8; grey limestone 57.
BRW.ConIII	lot 29	P.Robins	S & O Wright	Oct. 1,1953	4	10	10	8	"	D Limestone 45.
Lion's Head		F.W.Wiskin	Wright Bros.L&A	Sep.10,1953	4½	12	45	25	Fresh	D Dug well 30; gravel sand 45.
Lion's Head		Lions Head School	"	May 1,1954	4½	3	138	83	"	P Soil clay sand 59; rock 85; rock clay 120; grey rock 135; blue shale 138.
Lion's Head		S.Priest	"	Jun.10,1954	4	10	16	10	"	D Loose stones 16.
Olipphant		R/S Freiburger	D.Wright & Sons	Aug.20,1954	4	5	12	6	Fresh	D Coarse sand 25; brown limestone 54.
Olipphant		J.Aiken	"	Aug.20,1954	4½	2	10	1½	"	D Sandy clay 18; brown limestone 51.
St.Edmunds Twp.										
BRE.Con I	lot 32	W.Lenhart	Wright Bros.R&S	Aug.15,1953	4½	3		20	Fresh	D Heavy soil 5; shore sand 35; limestone 80.
BRW.Con I	lot 49	S.Mun	S & O Wright	Sep.18,1954	4	10	153	41	"	S Grey limestone 153.
BRW.Con I	lot 50	T.Spears	S & O Wright	Aug. 4,1954	4	10	20	14	"	D Soil 2; grey limestone 55.
BRW.Con IV	lot 44	C.Bell	"	Jul.20,1954	4	10	15	4	"	D Grey limestone 54.
BRW.Con IV	lot 48	F.Laing	"	Jul.16,1954	4	10	4	4	"	D Grey limestone 53.
BRW.Con VI	lot 15	A.E.Pedwell	Wright Bros.R&S	Aug. 6,1953	4	5		10	"	D Sand dirt 4; limestone 40.
BRW.Con VI	lot 15	"	"	Aug.11,1953	4½	2	63	18	"	D Sand stone 6; limestone 63.
Saugeen Twp.										
Con.I	lot 8	J.Cluley & G.Ribey	G.L.Davidson	Jul. 8,1954	4½	4	110	80	Fresh	D Clay 16; sand 20; clay 78; sand 128; clay 142; sand gravel 168; hard brown limestone 246.
Con.VI	lot 9	G.Studd	"	May 15,1954	4					D Sand 28; quicksand 92; clay sand 116; quicksand 122; soft red shale 164; hard rock 182; soft blue shale 365. Dry hole.
Con.VI	lot 25	E.Puice	P.L.Davidson	Sep.10,1953	4	30		Flows	Fresh	D Till 66; rock 73.
L.R.	lot 26	A.Somerville	"	May 16,1953	4	100		Flows	"	D Till 60; rock 64.
L.R.	lot 26	W.J.Schwalm	G.L.Davidson	Nov.16,1953	4	40		Flows	"	D Sand gravel stones 32 quicksand 44 shale 48; limestone 66.
L.R.	lot 55	Miranichi	"	May 28,1954	4	10	6	2	"	P Sand 16; sand gravel 35; stony hardpan 54; clay 63; very stony hardpan 136; sand gravel 140; gravel 141.
Tobermory		J.A.Eadie	S & O Wright	May 11,1953	4½	10	63	22	Fresh	D Limestone 63.
Tobermory		T.Murray	Wright Bros.R&S	Jul.24,1953	5	5		15	"	D Dirt stones 4; limestone 56.
Tobermory		C.Goulin	"	Jul.30,1953	4½	5		15	"	D Dirt stones 3; limestone 62.
Tobermory		W.J.Hunter	S & O Wright	Aug.24,1953	4	10	145	54	"	D Top soil 2; limestone 145.
Tobermory		A.Coultes	"	Aug.31,1953	5	10	60	54	"	D Limestone 100.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>BRUCE COUNTY-cont.</b>										
Tobermory	O. Smith	S & O Wright	Sep. 4, 1953	4	10	35	27	Fresh	D	Limestone 55.
Tobermory	L. Richie	"	Sep. 14, 1953	4 1/2	10	36	17	"	D	Limestone 60.
Tobermory	B. McFarlen	"	Sep. 23, 1953	4	10	60	15	"	D	Limestone 60.
Tobermory	J. P. Bay	"	Sep. 27, 1953	4 1/2	10	21	15	"	D	Limestone 60.
Tobermory	F. Hamilton	"	May 1, 1954	4 1/2	3	52	6	"	D	Topsoil 2; limestone 72.
Tobermory	H. Hopkins	"	Jul. 12, 1954	4 1/2	10	66 1/2	14	"	D	Grey limestone 66 1/2.
Tobermory	L. Adams	"	Jul. 28, 1954	4 1/2	10	103	33	"	D	Grey limestone 103.
Tobermory	H. C. Wilson	"	Jul. 31, 1954	4	10	60	32	"	D	Grey limestone 60.
Tobermory	G. Copeland	"	Aug. 17, 1954	4	10	20	14	"	D	Grey limestone 55.
Tobermory	J. Ireland	"	Aug. 24, 1954	4	10	85 1/2	40	"	D	Grey limestone 85 1/2.
Tobermory	J. Sadie	"	Aug. 26, 1954	4 1/2	10	20	10	"	D	Grey limestone 35.
<b>CARLETON COUNTY.</b>										
<b>Pitzroy Twp.</b>										
Con. II lot 27	A. Scheel	J. B. Dufresne	Oct. 19, 1953	2	4	24	18	Fresh	D	Blue clay 18; grey limestone 132.
Con. II lot 27	T. Goodwin	"	Oct. 21, 1953	2	4	24	15	"	D, S	Old dug well 12; grey limestone 130.
Con. II lot 27	L. Lesarge	"	Aug. 20, 1954	2	4	15	10	"	D	Clay 22; sand gravel 24; white limestone 111.
Con. III lot 27	R. McConnell	"	Aug. 21, 1954	2	4	20	14	"	D	Clay 16; white limestone 87.
Con. I lot 6	G. Styles	Valley Drilling	Feb. 24, 1954	2	4	20	13	"	D, S	Sand boulders 8; limestone 48.
Con. I lot 16	E. Styles	"	Feb. 18, 1954	2	5	35	22	"	S	Old well 10; grey granite 245.
Con. III lot 10	R. Carr	A. Stanton	Feb. 2, 1953	5	5	20	7	"	S	Gravel stones 25; hard dark grey limest. 50; reddish/grey limest. 64.
<b>Gloucester Twp.</b>										
B. F. lot 21	K. Prichard	M. Meagher	Aug. 24, 1954	5	5	40	40	Fresh	D	Blue clay 57; sand 70; limestone 200; sandstone 250.
B. F. lot 21	M. Smith	J. Kettles	Sep. 15, 1954	4	4	47	15	Slightly Sulphur	D	Red clay 21; hardpan boulders 68; quicksand 71; hard grey limestone 103.
L. I.	O. Easy	M. Meagher	Jul. 18, 1953	5	4	7	6	Fresh	D	Clay hardpan 31; limestone 78.
L. I.	B. Humfries	J. Kettles	Dec. 28, 1953	4	2	10	8	"	D	Red clay hard heads 25; hard limestone 84.
L. I.	G. McLean	M. Meagher	May 27, 1954	4	4	20	20	"	D	Clay 30; limestone 70.
L. I.	"	"	Jun. 1, 1954	4	4	14	14	"	D	Clay 24; limestone 70.
L. I.	"	"	Jul. 15, 1954	4	4	26	26	"	D	Clay 29; gravel 30; limestone 71.
L. I.	"	"	Oct. 26, 1954	4	4	30	24	"	D	Loam 6; stony clay 25; limestone 72.
L. I.	"	"	Nov. 2, 1954	4	4	32	23	"	D	Loam 8; stony clay 27; limestone 75.
O. F. Con I lot 1	M. Boulet	W. Lefebvre	Jun. 1, 1953	2	1/2	31	12	"	D	Red clay 4; blue clay 30; sand gravel 31.
O. F. Con I lot 1	R. Champagne	"	Jun. 24, 1953	8	2 1/2	43	14	Sulphur	D	Red clay 10; blue clay 42; black sand 43.
O. F. Con I lot 1	E. Brault	J. B. Dufresne	Sep. 10, 1953	3	8	30	22	"	C	Blue clay 47; limestone 53.
O. F. Con I lot 1	U. Champagne	"	Nov. 25, 1953	5	4	65	65	Fresh	D	Blue clay 110; limestone 112.
O. F. Con I lot 1	A. Lefebvre	G. Charbonneau	Nov. 27, 1954	15	4	16	12	"	D	Topsoil 3; blue clay 27.
O. F. Con I lot 1	J. P. Lefebvre	"	Nov. 29, 1954	15	"	3	3	"	D	Topsoil 5; blue clay 25.
O. F. Con I lot 2	R. Madon	J. B. Dufresne	Sep. 8, 1953	2	8	15	11	"	D	Blue clay 29; limestone 40.
O. F. Con I lot 2	R. Proulx	"	Aug. 4, 1954	2	4	50	48	Sulphur	D	Blue clay 60; gravel sand 63; limestone 141.
O. F. Con I lot 3	C. Teillifer	W. Lefebvre	Oct. 21, 1953	6	3	Flows	Flows	Salt	D	Red clay 4; blue clay 61; sand 61 1/3.
O. F. Con I lot 4	L. Bouten	J. B. Dufresne	Dec. 17, 1954	3	8	35	23	Fresh	D	Clay 100; sand 120; grey limestone 140.
O. F. Con I lot 5	Grey Nuns of the Cross	"	Jul. 2, 1953	4	20	Flows	Flows	"	P	Clay 110; sand 150; gravel sand 178.
O. F. Con I lot 6	G. R. Somerville	J. Kettles	Jun. 11, 1953	4	3	Flows	Flows	Slightly Sulphur	D	Blue clay 140; fine white sand 149; gravel 155.
O. F. Con I lot 6	A. Menard	J. B. Dufresne	Mar. 25, 1954	3	5	20	5	Fresh	D	Clay 180; gravel boulders 210; limestone 220.
O. F. Con I lot 15	E. Spooner	B. E. Sparks	Jun. 25, 1953	5	10	21	20	"	P	Clay 100; gravel 101; boulders sand 107; hardpan 115; gravel 136.
O. F. Con I lot 16	L. Laporte	T. H. Adams	Jun. 27, 1954	5	7	65	65	Sulphur	P	Blue clay 180; gravel 187.
O. F. Con I lot 16	R. Laporte	"	Jul. 3, 1954	5	7	65	65	"	P	Blue clay 190; gravel 195.
O. F. Con I lot 16	J. Sequin	"	Jul. 22, 1954	5	7	65	65	"	D	Blue clay 160; gravel 165.
O. F. Con I lot 18	T. Collins	J. B. Dufresne	Jul. 16, 1954	3	10	30	22	Fresh	D	Clay 62; limestone 72.
O. F. Con I lot 19	C. Dubois	G. S. Mulligan	Apr. 7, 1953	6	4	45	40	"	D	Gravel 5; grey limestone 195.

## CARLETON COUNTY-cont.

## Gloucester Twp.cont.

O.F.Con I	lot 19	H. Helmer	F.A. McLean & Son	Apr. 27, 1953	5	4	132	32	Fresh	D	Limestone 190.
O.F.Con I	lot 19	J. Wansbrough	"	May 5, 1953	5	8	100	35	"	D	Clay loam 14; soft brown limestone 187.
O.F.Con I	lot 19	A.B. Taylor	B.E. Sparks	Jun. 17, 1953	5	7	55	35	"	D	Clay 2; limestone 147.
O.F.Con I	lot 19	P. Savic	F.A. McLean & Son	Jul. 18, 1953	5	4	70	26	"	D	Clay 40; boulders till; 105; limestone 168.
O.F.Con I	lot 12	G. Watt	"	Jul. 30, 1953	6	6	40	18	"	D	Boulder till 7; limestone 150.
O.F.Con I	lot 19	K. Scott	B. Phillips	Aug. 15, 1953	5	5	35	18	"	D	Broken limestone 12; limestone 165.
O.F.Con I	lot 19	T.J. Blachut	F.A. McLean & Son	Aug. 17, 1953	5	7	68	28	"	D	Sandy loam 1; limestone 174.
O.F.Con I	lot 19	J. Proudfoot	B. Phillips	Sep. 4, 1953	5	5	60	35	"	D	Clay 105; shale 107; limestone 258.
O.F.Con I	lot 19	Wick Bros. Inc.	"	Sep. 11, 1953	5	5	35	15	"	D	Clay 20; shale 40; limestone 167.
O.F.Con I	lot 19	G. Riley	F.A. McLean & Son	Apr. 18, 1954	5	7	160	115	"	D	Brown sand 5; hardpan 11; limestone. shale 175; black limestone shale 200.
O.F.Con I	lot 19	H. Woodard	"	Apr. 26, 1954	5	7		25	"	D	Blue clay 13; black shale 55; grey limestone shale 220.
O.F.Con I	lot 19	R.M. Bauld	B. Phillips	Apr. 26, 1954	5	6	45	35	"	D	Clay 120; sandy gravel 123; limestone 212.
O.F.Con I	lot 19	Wick Bros. Inc.	"	Apr. 28, 1954	5	10	2	2	"	D	Clay 48; boulders 53; clay sand 73; limestone 152.
O.F.Con I	lot 19	J.E. Forster	"	Jul. 19, 1954	4	5	45	31	"	D	Clay 94; sand 97; limestone 161.
O.F.Con I	lot 19	E.C. Hill	W. Moloughney	Oct. 28, 1954	4	1	156	62	"	D	Clay 26; broken rock 32; limestone 156.
O.F.Con I	lot 19	G. Murry	"	Nov. 25, 1954	5	5	120	60	"	D	Clay 100; coarse dry gravel 137; limestone 225.
O.F.Con I	lot 19	R. Batchlor	"	Dec. 7, 1954	5	6	50	14	"	D	Clay 80; sandy gravel 111; loose limest. 130; limest. 225.
O.F.Con I	lot 19	J. Botts	"	Dec. 24, 1954	5	6	20	8	"	D	Clay 6; boulders hardpan 14; loose rock 18; grey limest. 174.
O.F.Con I	lot 20	G. Allen	F.A. McLean & Son	Apr. 28, 1953	5	8	119	39	"	D	Sand loam 4; slab rock 6; blue limest. 90; brown limest. shale 223.
O.F.Con I	lot 20	J.C. Carleton	T.H. Adams	Jun. 22, 1953	4	2	40	20	"	D	Clay gravel 2; limestone 125.
O.F.Con I	lot 20	E.J. Rose Const.	W. Moloughney	May 14, 1954	5	8	30		Flows	D	Silt 3; loose shale 5; brown shale 90.
O.F.Con I	lot 20	"	"	May 18, 1954	5	6	20	8	"	D	Silt 3; loose shale 10; brown shale 91.
O.F.Con I	lot 20	R.M. Johnson	T.H. Adams	Jun. 10, 1954	4	5	150	32	"	D	Black loam stones 27; limestone 262.
O.F.Con I	lot 20	S. Glazen	Valley Drilling	Jun. 16, 1954	4	3	20	15	"	D	Brown shale 15; blue limestone 109.
O.F.Con I	lot 20	A.G. Fields	J. Kettles	Jun. 18, 1954	4	1	93	33	"	D	Shaly ground 5; hard black limest. 192; very soft white limest. 203; soft grey limestone 233.
O.F.Con I	lot 20	Imperial Oil	T.H. Adams	Jun. 19, 1954	6	8	20	5	"	C	Dark sandy soil 3; till 15; grey limest. 159.
O.F.Con I	lot 20	L. Gendron	W. Moloughney	Jul. 6, 1954	5	6	60	30	"	P	Boulders clay 4; loose rock 7; limestone 190.
O.F.Con I	lot 20	C. Glazer	Valley Drilling	Jul. 13, 1954	4	4	60	30	"	D	Brown shale 20; blue limestone 232.
O.F.Con I	lot 20	E.S. Rose	J.T. Dolan	Jul. 15, 1954	4	5	25	15	"	D	Clay 2; loose shale 7; brown shale 100; limestone 118.
O.F.Con I	lot 20	L. Gendron	Valley Drilling	Jul. 23, 1954	6	8	35	30	"	D	Brown shale 15; blue limestone 194.
O.F.Con I	lot 20	"	W. Moloughney	Aug. 13, 1954	5	6	60	30	"	P	Boulders clay 7; loose shale 10; limestone 195.
O.F.Con I	lot 20	A. Martin	Valley Drilling	Sep. 8, 1954	6	5	25	23	"	D	Shale rock 17; grey limestone 123.
O.F.Con I	lot 20	J. Grenier	"	Nov. 25, 1954	5	5	20	20	"	D	Overburden clay 30; shale 138.
O.F.Con I	lot 22	E. Dinoshell	T.H. Adams	Oct. 1, 1954	4	8	200	16	"	D	Brown sand 6; blue clay pebbles 19; black shale 40; grey shale 200.
O.F.Con I	lot 25	Bytown Const.	B. Phillips	Oct. 26, 1953	4	1/6	405	30	Sulphur	C	Sand 13; dark-brown shale 35; light-brown limest. 75; white limestone 405.
O.F.Con I	lot 25	E. Cote	T.H. Adams	Feb. 11, 1954	4	8	35	9	Fresh	D	Clay loam 3; blue clay 12; till 18; black shale 29; grey shale 99.
O.F.Con II	lot 4	J.B. Legault	J.B. Dufresne	Aug. 3, 1954	2	10	40	26	Sulphur	D	Clay 75; limestone 101.
O.F.Con II	lot 6	D. Leblanc	"	Oct. 19, 1953	2	8	15	10	Fresh	D	Limestone 48.
O.F.Con II	lot 12	A. Price	W. Lefebvre	Sep. 26, 1953	6	8	27	27	"	D	Red clay 4; blue clay 39; gravel 40.
O.F.Con II	lot 14	Blackburn	"	Oct. 6, 1953	8				"		Yellow sand 4; blue clay 98; large gravel 110. Dry well.
O.F.Con II	lot 14	" School	"	Oct. 7, 1953	8				Salt		Yellow sand 4; blue clay 99; large gravel 110. Abandoned.
O.F.Con II	lot 15	G. Hubert	G.S. Mulligan	Jan. 7, 1953	4	1 1/2	68	40	Fresh	D	Clay 80; gravel 91; hard grey limestone 197.
O.F.Con II	lot 22	A. Martin	T.H. Adams	Jun. 6, 1953	4	1 1/2	40	10	"	D	Previously drilled 110; limestone 150.
O.F.Con II	lot 22	A. Seguin	"	Nov. 7, 1953	4	6	20	15	"	D	Brown clay boulders gravel 20; fine sand 27; slate 73.
O.F.Con II	lot 23	J. Gravelle	"	Mar. 10, 1954	4	6 1/2	15	15	Slightly	D	Gravelly clay 20; quicksand gravel 50; black shale rock 60.
O.F.Con II	lot 23	J. Huneault	J. Kettles	Jun. 26, 1954	4	3	12	8	Sulphur	D	Grey quicksand 8; grey limestone black shale 61.
O.F.Con II	lot 24	J.M. Lemieux	T.H. Adams	Nov. 25, 1954	4	8	175	10	Fresh	D	Blue clay 21; black shale 43; grey shale 175.
O.F.Con II	lot 25	O. Thoms	"	Sep. 25, 1953	4	6 1/2	9	6	"	In	Gravel loam 2; till 31; slate 106.
O.F.Con II	lot 26	J. Cyr	"	May 27, 1953	4	1 1/2	50	30	"	D	Previously drilled 158; limestone 208.
O.F.Con II	lot 26	Y. Lacroix	"	Oct. 24, 1953	4	1 1/2	20	20	Sulphur	D	Crust clay small pebbles 10; soft shale rock 20; bedrock 93.
O.F.Con II	lot 26	E. Pharand	"	Mar. 17, 1954	4	6 1/2	30	8	Fresh	D	Black clay gravel 8; slate 60.
O.F.Con II	lot 26	A. Tremblay	"	Apr. 15, 1954	4	6 1/2	12	12	"	D	Brown clay 3; slate shale rock 22; limestone 98.
O.F.Con II	lot 26	R. Clerouac	J. Kettles	Apr. 20, 1954	4	3	4	4	"	D	Black muck sand 9; red clay 21; black shale bedrock 90.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY-cont										
Gloucester Twp. cont										
O.P. Con II lot 27	L. Major	T.H. Adams	May 9, 1953	4	1 1/2	20	6	Fresh	D	Gravel clay 6; clay gravel loose rock 12; grey limest. 69.
O.P. Con II lot 27	Cyrville Sep. School	"	Jun. 29, 1953	6	3	55	12	"	P	Black loam 3; till 10; black shale 20; grey shale 170.
O.P. Con II lot 27	C. Trudel	"	Sep. 13, 1953	4	6 1/2	20	12 1/2	"	D	Clay gravel 10; black slate 65.
O.P. Con II lot 27	Cyrville Sep. School	"	Nov. 6, 1953	6	10	35	15	"	P	Black loam 2; blue clay 10; till 18; black shale 23; grey shale 133.
O.P. Con II lot 27	S. Fainville	"	Jan. 9, 1954	4	8	48	15	"	D	Dark sandy soil 3; till 19; black shale 48; grey shale 118.
O.P. Con II lot 27	O. Pausien	"	Aug. 15, 1954	4	8	74	9	"	D	Black loam 4; grey clay sand 18; black shale 40; grey shale 74.
O.P. Con II lot 27	J.W. Byrnes	"	Sep. 13, 1954	4	8	45	18	"	D	Clay loam 4; blue clay 15; black shale 34; grey shale 87.
O.P. Con II lot 27	J.H.B. Prepaunier	"	Sep. 27, 1954	4	8	45	9	"	D	Clay loam 4; blue clay 15; black shale 35; grey shale 61.
O.P. Con II lot 27	G. Renaud	"	Oct. 9, 1954	4	8	25	6	"	D	Previously dug 12; black shale 35; grey shale 81.
O.P. Con III " 2	R. Corbiel	J.B. Dufresne	Sep. 11, 1953	2			11	"	D	Clay 10; gravel boulders 13; limestone 53.
O.P. Con III " 5	G. Gournier	"	Nov. 27, 1953	2	8	17	7	"	D	Clay soil 6; limestone 43.
O.P. Con III " 14	Blackburn Sep. School	T.H. Adams	Dec. 7, 1953	4	6 1/2	20	18	Sulphur	P	Red sand 8; blue clay 113; limestone 121.
O.P. Con III " 16	C. Priegon	W. Lefebvre	Nov. 1, 1953	8	2 1/2	45	45	Mineral	D	Red clay 10; blue clay 94; gravel.
O.P. Con III " 23	E. Lancaster	J. Kettles	Jun. 23, 1954	4	2 1/2	31	21	Fresh	D	Stony ground boulders 22; black shale 72.
O.P. Con IV " 13	Navan Sep. School #17	T.H. Adams	Nov. 20, 1953	4	6 1/2	40	40	"	P	Red sand 10; blue clay 125; limestone 148.
O.P. Con IV " 20	D. Ramsey	J. Kettles	May 22, 1954	4	1 1/2	40	40	"	D	Black loam 2; blue clay 38; gravel 60; black shale rock 100.
O.P. Con VII " 3	J. Johnston	"	Oct. 24, 1953	4	2	7	7	"	D	Blue clay 55; white sand gravel 63; black shale bedrock 128. Exc. 17
O.P. Con VII " 3	M. Lemenbaune	J.B. Dufresne	Apr. 23, 1953	2	5	14	7	Sulphur	D	Clay 47; limestone 65.
O.P. Con VII " 10	A. Shaw	T.H. Adams	Apr. 15, 1953	4	1 1/2	40	15	Salt	S	Blue clay 140; gravel 144.
R.F. Con I " 10	C. Ogilvy	P.A. McLean & Son	Jun. 23, 1953	5	15	9	9	Fresh	D	Sandy loam 2; clay 20; boulders sand 23; hard blue limest. 38 1/2.
R.F. Con I " 10	C.F. Baker	J.B. Dufresne	Jun. 19, 1954	3	4	40	25	"	D	Clay 60; grey limestone 88.
R.F. Con I " 10	H.L. Noblitt	"	Jun. 30, 1954	2	4	40	30	"	D	Clay 30; grey limestone 77.
R.F. Con I " 12	K. Davidson	"	Oct. 6, 1954	3			Flows	"	D	Clay 28; gravel sand 51; gravel 58.
R.F. Con I " 13	E. Villeneuve	B. Phillips	Nov. 22, 1954	5	3	51	40	"	D	Sandy clay 38; boulders 40; sandy clay 82; gravel 84; sandst. 97.
R.F. Con I " 14	G. Smith	J. Kettles	Dec. 28, 1954	4	6	8	1	"	D	Blue clay 44; hardpan boulders 53; sand 63; gravel 70.
R.F. Con I " 15	H. Mulligan	"	Jul. 4, 1953	4	2 1/2	20	16	"	D	Red clay 70; gravel 72; hard grey limest. 95.
R.F. Con I " 15	I. Morency	"	Jul. 5, 1953	4	70	20	16	"	D	Red clay 70; gravel 72; rock 100.
R.F. Con I " 15	Charbonneau	P.A. McLean & Son	Jan. 5, 1954	4	5	14	13	"	D	Soapy clay 20; hardpan 40; gravel 41 1/2; sandstone 55.
R.F. Con I " 15	A. Templeton	J.B. Dufresne	Jul. 18, 1954	3	10	40	20	"	D	Clay 86; limestone 91.
R.F. Con I " 15	C.P. Leguffe	"	Nov. 29, 1954	3	3	35	28	"	D	Sandy clay 30; sand 60; limestone 94.
R.F. Con I " 16	H. Milligan	J. Kettles	Jun. 7, 1954	4	2 1/2	13	6	"	D	Red clay 40; sand hardpan 70; coarse gravel 84.
R.F. Con I " 28	W. Vandenberghe	J.B. Dufresne	Sep. 22, 1953	3	5	10	6	"	D	Blue clay 24; gravel 27.
R.F. Con II " 9	J. Moore & Sons	P.A. McLean & Son	Feb. 4, 1953	5	10	80	45	"	D	Sand 50; soapy blue clay sand 80; hard sand gravel 103; blue limestone shale 140; shale sandstone 170; limestone 186.
R.F. Con III " 6	Hakno Nursery	J.B. Dufresne	Dec. 15, 1954	3	12	30	10	"	C	Gravel sand 72.
R.F. Con III " 8	R. Hamell	T.H. Adams	Oct. 20, 1954	4	8	28	11	"	D	Fine grey sand 113; coarse gravel 115.
R.F. Con III " 10	Que. Metal Ind.	"	May 5, 1953	6	8	24	10	"	In	Coarse red sand 8; fine grey sand 100; coarse gravel 105.
R.F. Con IV " 6	W.B. Johnson	R.H. Casselman	Jun. 25, 1953	5	16 1/2	19	3	"	D	Top soil 3; gravel 15; clay 40; fine sand clay 99; grey shale 125.
R.F. Con IV " 7	Dibble Const.	J. Kettles	Nov. 9, 1953	4	2 1/2	22	20	"	C	Sand gravel 42; fine white sand 73; sand coarse gravel 82; bedr. 227.
R.F. Con IV " 8	A. Clarke	"	Sep. 22, 1953	4	2	15	15	"	D	Fine sand gravel 23; coarse gravel 35.
R.F. Con IV " 8	F. Clarke	"	Nov. 24, 1953	4	1 1/2	16	16	Sulphur	D	Red sand 22; fine gravel sand 31; coarse gravel 38.
R.F. Con IV " 8	J.C. Sulphur	B. Phillips	Nov. 27, 1954	4	2	60	25	"	D	Sandy clay 86; shale 88; brown limestone 133.
R.F. Con IV " 9	Deschamps	T.H. Adams	Jun. 17, 1953	4	8	15	7	"	D	Coarse red sand 5; fine grey sand 55; coarse gravel 58.
R.F. Con IV " 9	P. Cosineau	J. Kettles	Oct. 9, 1953	4	2	8	8	"	D	Red sand 10; blue clay 22; gravel 50.
R.F. Con IV " 9	M. Wilson	B. Phillips	Jun. 19, 1954	4	1 1/2	98	20	Fresh	D	Sand 77; gravel 98.
R.F. Con IV " 10	D.J. Bernard	J. Kettles	Jan. 26, 1954	4	4	28	20	"	D	Very fine sand gravel 68 1/2; black gravel 76.
R.F. Con IV " 11	T.J. Fleming	G.S. Mulligan	Mar. 9, 1953	4	1 1/2	3	3	"	D	Black muck 2; sand 38; black shale rock 75.



## CARLETON COUNTY-cont.

## Gloucester Twp.-cont.

R.F.Con IV	lot 11	J.Mullvihill	G.S.Mulligan	Mar.12,1953	4	3	3	3	Fresh	D	Muck 2;grey sand 35;gravel 39;black shale rock 77.
R.F.Con IV	" 11	L.Thresher	J.Kettles	Oct.20,1953	4	2½	6	6	"	D	Sand 11;clay 15;sand gravel 34;bedrock 81.
R.F.Con IV	" 11	C.B.Aberdeen	"	Mar.3,1954	4	1½	2	2	"	D	Red and grey sand 28;gravel 38½;black shale bedrock 83.
R.F.Con IV	" 11	B.Baldwin	"	Oct.7,1954	4	6	4	4	"	D	Red sand 18;blue clay 38;coarse gravel 41;black shale 84.
R.F.Con IV	" 15	R.Clarke	"	May 22,1953	4	2½	12	12	"	D	Shale gravel 21;black shale bedrock 100.
R.F.Con IV	" 15	H.Clarke	"	Jun.2,1953	5	1	7	4	"	S	Earth boulders 13;grey limest.40;blue limest.41;grey limest.91.
R.F.Con IV	" 15	R.Depper	"	Jul.20,1954	4	1½	160	8	"	D	Earth shaly rock 5;black shale bedrock 160.
R.F.Con IV	" 17	E.Lee	"	Jul.24,1953	4	1/6	255	14	"	"	Loose shaly gravel 15;black shale 255. Insufficient supply.
R.F.Con IV	" 17	"	"	Jul.31,1953	4	1	220	14	"	D	Loose shaly gravel 15;black shale bedrock 229.
R.F.Con V	" 6	A.McEwan	T.H.Adams	Jan.24,1953	5	8	13	6	"	S	Black loam 2;black shale 7;grey shale 113.
R.F.Con V	" 15	H.Dronfield	"	Jul.4,1953	4	1½	50	6	"	D	Shale gravel 13;slate 137.
R.F.Con V	" 15	A.Smith	J.Kettles	Oct.4,1953	4	1½	66	20	"	D	Earth shaly rock 15;black shale bedrock 250.
R.F.Con V	" 15	B.Ritchie	"	Dec.4,1953	4	1	239	60	"	S	Previously drilled 160;black shale bedrock 239.
R.F.Con V	" 25	A.Hooper	W.Moloughney	Nov.11,1954	5	3	85	4	"	D	Silt 3;loose rock 7;solid limestone 85.
R.F.Con V	" 26	"	"	Nov.11,1954	5	6	8	7	"	D	Boulders hardpan 3;loose rock 6;solid sand coloured limest.85.
R.F.Con V	" 30	C.Wootton	J.Kettles	Feb.25,1954	4	1	64	16	"	D	Red shaly ground cont.small broken stones 12;very hard grey limestone 72;very hard white rock 115.
R.F.Con VI	" 3	W.L.Ironside	T.H.Adams	Aug.4,1953	4	½	30	15	"	D	Clay 30;boulders gravel quicksand 40;limestone 90.
R.F.Con VI	" 3	R.Gibson	J.Kettles	Aug.13,1954	4	½	58	42	"	D	Red sand 8;blue clay 27;gravel 31;black shale bedrock 90.
R.F.Con VI	" 5	H.Haley&Sons	T.H.Adams	Apr.14,1953	6	5	200	6	"	In	Clay loam 4;loose black shale 6;grey shale 396.
R.F.Con VI	" 5	"	"	Oct.23,1953	6	10	500	10	"	In	Clay loam 2;grey shale 550;limestone 645.
R.F.Con VI	" 7	W.Lillico	"	Apr.27,1953	4	1½	40	6	"	D	Slate 163.
R.F.Con VI	" 15	Nat.Research Council	P.A.McLean & Son	Dec.21,1954	5	"	"	"	"	"	Sandy loam 3;sand 10;clay 125;sand gravel 137;brown shale 337;black shale 340.Dry well.
R.F.Con VI	" 23	W.Kossatz	T.H.Adams	Apr.20,1953	4	3	2	2	"	D,S	Blue clay 39;gravel 40.
R.F.Con VI	" 28	B.Lemke	"	Nov.23,1953	4	8	22	6	"	S	Sandy loam 3;blue clay 95;limestone 98.

## Goulbourn Twp.

Con. I	lot 5	W.Johnston	J.B.Dufresne	Dec.12,1954	2	10	15	4	Fresh	D	Clay 4;limestone 12.
Con IV	" 25	P.McBride	P.P.Sparks	Oct.4,1954	4	6	15	12	"	D	Blue clay 20;gravel 30;limestone 50.
Con V.I	" 27	W.J.Seebrook	H.Meagher	May 30,1953	5	4	6	5	"	S	Blue clay 70;gravel 73;limestone 90;sandstone 106.
Con IX	" 16	R.Healey	P.P.Sparks	Apr.9,1953	4	4	15	12	"	D,S	Loose shaly rock;10 grey limestone 85.
Con IX	" 20	E.Sims	W.V.Nurent	May 25,1953	6	12	23	18	"	D	Loam 11;soft sandstone 44.
Con IX	" 22	G.Healey	P.P.Sparks	Feb.27,1953	4	4	18	18	"	"	Coarse gravel 15;white limestone 85.
Con IX	" 26	A.Smith	"	Apr.20,1954	4	3	20	15	"	D,S	Gravel 15;limestone 75.
Con X	" 23	W.J.Bell&Son	"	Jan.2,1953	4	5	15	15	"	C	Fine gravel 13;grey limestone 100.
Con X	" 23	R.Hobin	"	Oct.22,1953	4	3	19	16	"	D	Gravel 26;sand 35;grey limestone 65.
Con X	" 23	"	"	Nov.6,1953	4	3	17	14	"	D	Red sand 20;gravel 30;grey limestone 60.
Con X	" 23	E.Cordukes	"	Nov.18,1953	4	3	21	18	"	D	Gravel 10;red sand 18;grey limestone 85.
Con X	" 23	W.Cordukes	"	Mar.15,1954	4	3	25	20	"	D	Red sand 25;gravel 30;grey limestone 75.
Con X	" 23	R.Hobin	"	Jul.10,1954	4	3	20	15	"	D	Gravel 20;red sand 27;limestone 70.
Con X	" 23	"	B.E.Sparks	Aug.31,1954	6	1½	25	8	"	D	Sand gravel 22;limestone 68.
Con X	" 23	United Church	P.P.Sparks	Sep.4,1954	4	2½	25	20	"	P	Red sand gravel 25;limestone 60.
Con X	" 23	C.Sells	"	Sep.15,1954	4	3	22	18	"	D	Gravel 20;red sand 30;limestone 70.
Con X	" 23	R.Hobin	"	Dec.29,1954	4	3	22	18	"	D	Red sand 27;coarse gravel 33;grey limestone 56.
Con X	" 24	W.Crosby	"	Nov.12,1953	4	3	25	23	"	C	Gravel 30;red sand 36;limestone 65.
Con X	" 24	T.G.Kilsby	J.B.Dufresne	Aug.21,1954	2	5	25	17	"	D	Sand boulders 42;limestone 90.
Con X	" 27	H.Frienstra	P.P.Sparks	Aug.9,1954	4	3	20	15	"	D	Red sand gravel 20;limestone 70.
Con XI	" 23	W.Sloan	"	Jan.4,1953	4	1	35	18	"	D	Gravel 10;red sand 30;grey limestone 90.
Con XI	" 23	L.Across	"	Oct.5,1953	4	3	15	12	"	D	Red loam 10;gravel 18;grey limestone 63.
Con XI	" 23	V.Toywell	"	Sep.14,1953	4	4	20	15	"	D	Gravel 33; grey limestone 66.
Con XI	" 23	H.Watson	"	Oct.30,1953	4	3	10	8	"	D	Gravel 8;red loam 12;grey limestone 68.
Con XI	" 23	K.Hcaley	"	Jul.22,1954	4	3	12	10	"	D	Red sand gravel 24;limestone 40.
Con XI	" 23	W.Goldwell	"	Nov.23,1954	4	3	50	25	"	D	Gravel 26;red sand 30;limestone 85.
Con XI	" 23	A.Black	"	Dec.1,1954	4	5	13	10	"	D	Red sand 20;gravel 24;limestone 61.
Con XI	" 26	A.Savage	"	Apr.23,1953	4	4	10	8	"	D	Gravel 10; grey limestone 46.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>CARLETON COUNTY-cont</b>										
<b>Goulbourn Twp.cont.</b>										
Con XI lot 26	A.Savage	P.P.Sparks	Nov. 5, 1954	4	3	15	12	Fresh	D	Loam gravel 10; limestone 45.
Con XI " 27	Johansen & Son	P.A.McLean & Son	Feb. 24, 1953	6	10	60	4	Sulphur	D	Pill 7; clay 37; blue limestone 180.
Con XI " 31	J.C.Rowe	J.B.Dufresne	Jun. 13, 1953	2	5	30	27	Fresh	D	Broken limestone and sandst. 28; mixed limest. and sandst. 108.
Con. XII " 25	H.Hartin	P.P.Sparks	May 7, 1953	4	5	15	12	"	D	Shaly rock 12; grey limestone 90.
Con XII " 26	J.McClellan	"	Oct. 13, 1954	4	2 1/2	20	15	"	D	Gravel 20; limestone 60.
Con XII " 30	J.F.Ar buckle	J.B.Dufresne	Oct. 19, 1954	2	5	30	20	"	D	Sandstone 83.
Con XII " 33	J.G.Goodheusen	"	Apr. 30, 1954	2	4	15	5	"	D	White sandstone 65.
<b>Huntley Twp.</b>										
Con II lot 18	R.Revington	J.B.Dufresne	Dec. 9, 1954	3	5	40	28	Fresh	D	Sand 80; gravel 121; grey limestone 184.
Con II " 18	S.Bond	"	Dec. 14, 1954	3	6 1/2	50	34	"	D	Clay 43; sand 90; gravel boulders 163; grey limest. 175.
Con III " 5	B.Hills	B.E.Sparks	May 27, 1954	5	5	32	30	"	D	Hardpan 30; limestone 75.
Con III " 5	S.C.Crooks	"	Jun. 3, 1954	4	5	45	40	"	D	Hardpan gravel 40; limestone 75.
Con III " 5	L.Love	"	Oct. 25, 1954	5	5	55	40	"	D	Hardpan 54; limestone 89.
Con III " 19	W.Bishop	J.B.Dufresne	Jan. 6, 1953	3	9	63	53	"	D	Boulders gravel 50 sand 62 boulder gravel 97.
Con III " 19	W.Graham	A.Stanton	Jul. 12, 1954	5	2 1/2	60	35	"	D	Sand boulders 32; fine sand 80; coarse gravel 91.
Con IX " 13	M.P.Forrest	M.Meagher	Oct. 13, 1954	4	5	20	10	"	D	Loam 6; limestone 65.
Con IX " 15	Corkery Sep. School	"	Oct. 3, 1954	4	6 1/2	117	17	"	P	Loam 3; limestone 117.
Con. IX " 16	J.Brown	"	Oct. 10, 1954	4	5	Flows	Flows	"	D, S	Loam 10; limestone 78.
Con. XI " 20	J.Flynn	C.Dufresne	Sep. 29, 1954	2	9	10	3	"	D	Gravel sand 10; limestone 30; red granite 57.
Con XI " 22	J.L.Mantil	"	Oct. 27, 1954	2	6 1/2	40	35	"	S	Loam clay 10; limestone 40; sandstone 162.
<b>March Twp.</b>										
Con II lot 14	W.Kelly	J.Murphy	Feb. 4, 1954	6	15	12	12	Fresh	D	Hard white sandstone or marble 44.
Con II " 20	V.Murphy	B.E.Sparks	Aug. 8, 1953	6	10	30	16	"	S	Till 4; sandstone 54.
Con II " 20	E.McCord	"	Nov. 18, 1953	6	6 1/2	25	12	"	D, S	Dug well 18; clay 42; granite 95.
Con II " 24	C.Kennedy	"	Dec. 30, 1953	5	9	52	16	"	S	Earth 1; granite 52.
Con III " 9	R.Wilson	J.B.Dufresne	Mar. 6, 1953	3	2 1/2	30	14	"	D	Clay 49; sandstone 122.
Con III " 11	E.Graham	B.E.Sparks	Nov. 3, 1953	4	5	60	35	"	D	Earth 1; sandstone 68.
Con IV " 6	D.Rubin	K.Sparks	Mar. 15, 1954	5				Flows	D	Clay 54; granite 56.
Con IV " 6	W.Marcenko	J.B.Dufresne	Jul. 22, 1954	4	1 1/2	Flows	Flows	"	D	Clay 85; limestone 173.
Con IV " 7	B.Poley	J.T.Dolan	Aug. 15, 1954	4	3	15	5	"	D	Clay 4; sandstone 30.
Con IV " 7	Brennan Bros.	W.Moloughney	Oct. 7, 1954	4	5	26	12	"	D	Silt 12; boulders 40; hardpan 60; rock 84.
Con IV " 7	"	"	Oct. 8, 1954	4	5	25	12	"	D	Silt 7; hardpan 20; limestone 60.
Con VI " 21	H.White	K.Sparks	Jul. 14, 1953	4	2 1/2	35	12	"	D	Topsoil 2; hardpan 4; limestone shale 45.
Con VII " 16	YMCA Camp	P.A.McLean & Son	Apr. 5, 1954	5	10	32	28	"	P	Sand gravel 5; limestone shale 65; limestone 117.
Con VII " 21	T.Bourke	K.Sparks	Jul. 4, 1953	4	2 1/2	20	10	"	D	Topsoil 3; shaly limestone 2; blue limestone 45.
Con VIII " 26	C.Duhamel	J.B.Dufresne	Jun. 13, 1953	2	1	10	5	"	D	Limestone 60.
<b>Marlborough Twp.</b>										
B.F. lot 17	J.Lightle	Lackey & Scott	Jul. 25, 1953	5	3		25	Fresh	D	Earth 39; limestone 44.
Con I " 16	A.Thompson	"	Aug. 6, 1953	5	3		11	"	D	Dug well 12; limestone 18.
Con I " 28	C.Casselman	"	Dec. 11, 1954	5	5	15	8	"	D	Limestone 27 1/2.
Con V " 7	G.McKee	"	May 21, 1954	5	6 1/2	23	18	"	D	Clay 18; white limestone 50.
Con VII " 2	C.Clarke	P.P.Sparks	Dec. 28, 1953	4	4	15	10	"	D, S	Gravel 10; blue limestone 50.
Con VII " 9	P.James	I.Simzer & Sons	Jun. 18, 1954	5	1/6	30	27	"	D, S	Hard limestone 50.
Con X " 1	H.Bowern	P.P.Sparks	Apr. 3, 1954	4	4	35	30	"	D, S	Red loam 28; gravel 40; limestone 97.
<b>Nepean Twp.</b>										
O.P.Con A lot 1	J.Burke	B.E.Sparks	May 12, 1954	5	5	10	8	Fresh	D	Sand clay 30; sandstone 46.
O.P.Con A " 1	R.J.Andrews	W.M.E.Sparks	Oct. 29, 1954	4	5	30	15	"	D	Clay 59; sandstone 72.
O.P.Con A " 3	E.Steel	P.P.Sparks	Oct. 22, 1954	4	3	20	15	"	D	Red loam 15; sandstone 50.

## CARLETON COUNTY-cont.

## Nepean Twp.cont.

O.P.Con A	lot	5	Dep.Transport	J.B.Dufresne	Oct. 5, 1953	2	3	10	6	Fresh	P	Blue clay 14; red granite 51.
O.P.Con A	"	6	A.Gervais	B.E.Sparks	Jun. 5, 1953	5	10	15	6	"	D	Limestone 55.
O.P.Con A	"	6	M.Dopson	B.Phillips	Mar. 3, 1954	4	6	6	6	"	D	Clay 6; hard limestone 31.
O.P.Con A	"	6	P.Kouk	"	Mar. 13, 1954	5	6	10	3	"	J	Hard limestone 45.
O.P.Con A	"	9	W.Cleary	J.B.Dufresne	Jul. 27, 1953	2	3	20	7	"	D	Limestone 40.
O.P.Con A	"	9	D.Roper	B.Phillips	Feb. 9, 1954	5	6	35	15	"	D	Clay 5; limestone 94.
O.P.Con A	"	10	J.D.Johnson	B.E.Sparks	Jun. 2, 1953	5	7	25	16	"	D	Loam 2; limestone 67.
O.P.Con A	"	10	J.Austin	P.A.McLean & Son	May 5, 1954	4	2	80	20	"	J	Clay loam 3; slab limestone 8; blackish blue crystalline limestone 13.
O.P.Con A	"	10	J.Malley	"	May 11, 1954	4	10	14	9	"	J	Clay loam stones 3; flag limestone 15; blue limestone 64.
O.P.Con A	"	10	P.Legault	"	May 17, 1954	4	10	7	7	"	D	Clay loam 2; soft limestone 8; bluish limestone 37.
O.P.Con I	"	2	G.MacDonald	B.Phillips	Sep. 14, 1953	5	7	35	25	"	D	Clay 62; red sand 64; fine sand 65; sandstone 89.
O.P.Con I	"	4	J.Williams	W.M.E.Sparks	Aug. 25, 1954	4	5	10	6	"	D	Clay 33; sandstone 46.
O.P.Con I	"	10	Sep.School	Valley Drilling	Nov. 15, 1953	5	5	22	14	"	P	Silt 6; limestone 50.
O.P.Con I	"	11	Crystal Bay Publ.School	P.A.McLean & Son	May 5, 1953	6	8	16	12	"	P	Boulder till 12; limestone 60; sandstone 75.
O.P.Con I	"	12	K.Parkinson	"	May 11, 1953	5	7	26	13	"	D	Clay 30; hardpan 43.
O.P.Con I	"	12	H.Backhouse	"	May 27, 1953	6	8	26	15	"	P	Clay 25; hardpan 35; limestone 118.
O.P.Con I	"	12	R.M.Raith	J.B.Dufresne	Oct. 2, 1953	3	5	30	20	"	D	Clay 40; sand 55; limestone 92.
O.P.Con I	"	13	G.Barkley	Valley Drilling	Jun. 19, 1953	4	3	22	22	"	D	Blue clay 35; brown running sand 48; blue limestone 87.
O.P.Con I	"	14	T.H.Johnston	B.Phillips	Feb. 22, 1954	4	6	20	15	"	D	Sand 64; gravel 65.
O.P.Con I	"	14	S.Gamble	P.A.McLean & Son	Jul. 6, 1954	4	6	40	20	"	D	Clay 50; sand 55; blue-black limestone 98.
O.P.Con I	"	14	G.Ralph	W.Moloughney	Sep. 22, 1954	4	3	80	15	"	D	Silt 3; loose rock 7; solid rock 100.
O.P.Con I	"	14	A.Hopewell	W.M.E.Sparks	Oct. 9, 1954	4	5	23	19	"	D	Clay 20; limestone 70.
O.P.Con I	"	15	M.C.Morris	P.A.McLean & Son	May 16, 1953	4	5	18	15	"	D	Clay 35; sand gravel 80.
O.P.Con II	"	1	L.Scharf	J.B.Dufresne	Jul. 7, 1953	3	3	50	4	"	D	Clay 143; granite 215.
O.P.Con II	"	2	R.Berry	J.T.Dolan	Jun. 23, 1954	4	4	22	12	"	D	Gravel loam 4; sandstone 48.
O.P.Con II	"	4	A.Campbell	B.E.Sparks	Jun. 14, 1954	5	2	30	5	"	D	Earth 2; limestone 25; sandstone 39.
O.P.Con II	"	4	"	"	Jun. 18, 1954	5	2	30	5	"	J	Earth 2; limestone 25; sandstone 39.
O.P.Con II	"	11	J.Pitzgerald	W.M.E.Sparks	Oct. 19, 1954	4	5	15	10	"	D	Old well, 16; sandstone 37.
O.P.Con II	"	15	R.A.Bruce	S.H.Mulligan	Jan. 30, 1953	6	8	16	12	"	D	Hard sand limestone 90. Dry hole.
O.P.Con II	"	16	T.H.Trotman	P.A.McLean & Son	Jun. 16, 1954	5	7	63	34	"	D	Sandy gravel 16; sandstone 105.
O.P.Con II	"	17	J.M.Manson	"	Mar. 10, 1953	4	8	16	12	"	J	Clay 40; sand 100; gravel 102.
R.F.Con A	"	18	G.Gorrell	W.Moloughney	Aug. 18, 1954	4	7	80	30	"	D	Clay 46; hardpan 60; sand 67; limestone 102; sandstone 146.
R.F.Con A	"	25	W.E.Brown	J.B.Dufresne	Jan. 8, 1953	3	8	25	20	"	D	Earth sand 3; sand 54; limestone 68.
R.F.Con A	"	25	G.L.Cromie	"	Jan. 13, 1953	3	2	35	20	"	D	Sand 58; limestone 96.
R.F.Con A	"	25	W.E.Brown	"	Feb. 21, 1953	3	7	30	23	"	D	Sand 50; limestone 57.
R.F.Con A	"	25	"	"	Feb. 25, 1953	3	7	30	10	"	D	Sand 43; limestone 72.
R.F.Con A	"	25	"	"	Feb. 26, 1953	3	5	30	11	"	D	Sand 43; limestone 75.
R.F.Con A	"	25	A.Poy	"	Feb. 28, 1953	3	8	50	31	"	D	Sand 50; limestone 72.
R.F.Con A	"	25	M.J.Miller	P.A.McLean & Son	Sep. 5, 1953	4	8	55	50	"	D	Sandy loam 6; clay 45; sandy clay 85; gravel 88; gravel sand clay 98; limestone sandstone 129.
R.F.Con A	"	25	F.Faucher	J.B.Dufresne	Dec. 10, 1953	4	4	48	37	"	D	Sandy soil 37; blue limestone 68.
R.F.Con A	"	25	H.G.Gardiner	B.Phillips	Dec. 10, 1953	4	4	60	28	"	D	Sand 5; clay 48; limestone 112.
R.F.Con A	"	25	N.J.Glost/Sons	S.H.Mulligan	May 22, 1954	4	5	37	32	"	D	Sand 8; clay 39; sand 55; gravel 57; hard sandstone 7; sandstone scale 98; hard stone 105.
R.F.Con A	"	25	H.Towers	J.B.Dufresne	Jul. 10, 1954	4	10	30	17	"	D	Sand 44; limestone 79.
R.F.Con A	"	25	G.Kaps	W.M.E.Sparks	Jul. 13, 1954	4	5	40	15	"	J	Clay hardpan 98; sandstone 132.
R.F.Con A	"	25	W.Dean	B.Phillips	Sep. 13, 1954	4	3	100	45	"	D	Sand 20; clay 85; boulders gravel 103; sandstone 161.
R.F.Con A	"	25	Cave Ward Co.	Valley Drilling	Oct. 21, 1954	5	5	15	15	"	D	Blue clay 20; hardpan 40; running sand 59; blue limestone 76.
R.F.Con A	"	25	W.E.Brown	J.B.Dufresne	Dec. 4, 1954	4	10	15	4	"	P	Clay sandy soil 24; limestone 38.
R.F.Con A	"	26	T.Hands	J.B.Dufresne	Jan. 20, 1953	3	2	35	10	"	D	Clay 48; limestone 140.
R.F.Con A	"	26	D.A.Olliver	P.A.McLean & Son	Dec. 7, 1953	4	5	58	48	"	J	Sand 8; clay 40; quicksand 105; hardpan 115; gravel 117.
R.F.Con A	"	27	G.L.Gray	J.B.Dufresne	Aug. 31, 1954	4	5	65	45	"	D	Sand 62; gravel boulders 96.
R.F.Con A	"	28	McCollProntenac	W.M.E.Sparks	Apr. 3, 1953	6	3	30	30	"	C	Sand clay 81; gravel 92; limestone 112; sandstone 230.
R.F.Con A	"	29	C.A.Johansen	P.A.McLean & Son	Dec. 21, 1953	4	5	34	31	"	D	Sand 10; clay 69; limestone 113.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY-cont Nepean Twp.cont.										
R.F.Con A lot 29	Trans Northern Pipe Line Co.	R.H.Casselman	Oct. 5, 1954	5	17	18	18	Fresh	C	Topsoil 3; dry hard-packed red sand 18; clay 30; hardpan 30; running sand 114; medium hard limestone 119.
R.F.Con A " 29	B.A.Oil Co.Ltd	B.Phillips	Oct. 26, 1954	6	8	12	12	"	Im	Sandy clay 67; sandstone 142.
R.F.Con A " 29	D.G.Robertson	J.B.Dufresne	Dec. 23, 1954	4	8	20	10	"	D	Clay 20; hardpan boulders 23; grey limestone 36.
R.F.Con A " 31	P.Stewart	F.A.McLean & Son	Nov. 25, 1953	5	7	50	22	"	D, S	Boulder till; 10; limestone 114.
R.F.Con A " 31	J.B.Wallace	Valley Drilling	Mar. 24, 1954	5	4	35	35	"	J	Blue clay 67; blue limestone 94.
R.F.Con A " 32	A.Stewart	B.Phillips	Aug. 22, 1953	5	7 1/2	30	25	"	D	Clay 18; limestone 107.
R.F.Con A " 32	R.B.Stewart	F.A.McLean & Son	Oct. 30, 1953	5	6	21	17	"	S	Previously drilled 51; limest. 100; sandst. black shale 173.
R.F.Con A " 34	Ryan & Lancas-ter	Valley Drilling	Jan. 1, 1954	4	4	20	12	"	D	Silt 4; limestone 50.
R.F.Con A " 34	"	"	Jan. 8, 1954	4	4	20	15	"	D	Silt 4; limestone 53.
R.F.Con A " 34	"	"	Jan. 15, 1954	4	4	25	15	"	D	Silt 4; limestone 50.
R.F.Con A " 34	"	"	Jan. 23, 1954	4	4	30	12	"	D	Silt 4; limestone 50.
R.F.Con A " 34	J.Dennis	M.Meagher	Feb. 15, 1954	4	10	40	40	"	D	Topsoil 8; grey clay 20; grey clay pebbles 35; limest. 100.
R.F.Con A " 34	A.Payette	F.A.McLean & Son	Mar. 17, 1954	4	6	15	13	"	D	Clay stones 5; limestone 51.
R.F.Con A " 34	"	"	Mar. 21, 1954	4	6	15	13	"	D	Clay stones 5; limestone 52.
R.F.Con A " 34	"	"	May 1, 1954	5	8	7	7	"	C	Clay stones 5; limestone 50.
R.F.Con A " 34	D.Ryan	Valley Drilling	May 1, 1954	4	3	10	10	"	D	Brown loam 5; blue limestone 50.
R.F.Con A " 34	A.Payette	F.A.McLean & Son	May 8, 1954	5	7	10	5	"	D	Clay stones 7; limestone 51.
R.F.Con A " 34	D.Ryan	Valley Drilling	May 8, 1954	4	3	10	10	"	D	Brown loam 5; blue limestone 50.
R.F.Con A " 34	A.Payette	F.A.McLean & Son	May 9, 1954	5	8	7	7	"	D	Clay stones 7; limestone 51.
R.F.Con A " 34	D.Ryan	Valley Drilling	May 13, 1954	5	3	10	10	"	D	Brown loam 6; blue limestone 50.
R.F.Con A " 34	Sun Oil Co.	B.Phillips	Jun. 7, 1954	6	10	8	6	"	C	Clay 8; limestone 112.
R.F.Con A " 34	P.A.Jones	Valley Drilling	Aug. 12, 1954	4	5	10	10	"	D	Clay loam 3; blue limestone 50.
R.F.Con A " 34	A.Payette	F.A.McLean & Son	Aug. 17, 1954	4	10	12	12	"	D	Clay 8; soft black shale 16; blue limestone 50.
R.F.Con A " 34	D.Ryan	Valley Drilling	Aug. 19, 1954	4	3	15	15	"	D	Blue clay black shale 25; blue limestone 50.
R.F.Con A " 34	A.Payette	F.A.McLean & Son	Aug. 20, 1954	4	10	13	13	"	D	Clay 6; soft black shale 15; blue black limestone 51.
R.F.Con A " 34	D.Ryan	Valley Drilling	Aug. 27, 1954	4	6	10	10	"	D	Blue clay 20; blue limestone 50.
R.F.Con A " 34	A.Payette	F.A.McLean & Son	Sep. 12, 1954	5	6	11	11	"	D	Clay sand 9; limestone 50.
R.F.Con A " 34	R.Jones	Valley Drilling	Nov. 12, 1954	4	5	5	5	"	D	Blue clay 3; blue limestone 50.
R.F.Con A " 34	A.Payette	F.A.McLean & Son	Nov. 12, 1954	5	10	4 1/2	3	"	D	Sandy clay boulders 11; black limestone 52.
R.F.Con A " 34	R.Jones	Valley Drilling	Nov. 19, 1954	4	5	5	5	"	D	Blue clay 3; blue limestone 50.
R.F.Con A " 34	K.Dale	M.Meagher	Dec. 20, 1954	4	10	8	8	"	D	Top soil 7; clay boulders 10; sand gravel 12; hard limest. 50.
R.F.Con A " 34	"	"	Dec. 28, 1954	4	10	8	8	"	D	Top soil 10; clay 14; sand gravel 16; hard limest. 50.
R.F.Con A " 35	E.F.Dennis	"	Apr. 6, 1953	4	4	18	14	"	D	Blue clay 6; gravel 12; hardpan 23; limest. 65; black shale 80; limestone 100.
R.F.Con A " 35	"	"	Apr. 12, 1953	4	4	11	9	"	D	Clay 8; blue clay 20; gravel 27; hardpan 33; limest. 80; black shale 95; limestone, sandstone 105.
R.F.Con A " 35	"	"	Jun. 19, 1953	4	10	17	17	"	D	Brown clay 29; sandstone 100.
R.F.Con A " 35	J.P.Chenier	W.M.E.Sparks	Aug. 12, 1953	5	5	35	28	"	D	Clay hardpan 50; limestone 115.
R.F.Con A " 35	"	"	Aug. 19, 1953	5	5	35	26	"	D	Clay hardpan 52; limestone 125.
R.F.Con A " 35	R.Benac	M.Meagher	Aug. 22, 1953	5	10	24	24	"	D	Blue clay 38; hardpan 53; gravel 63; limestone 110.
R.F.Con A " 35	H.O.Easy	W.M.E.Sparks	Aug. 26, 1953	4	5	40	30	"	D	Clay hardpan 53; limestone 72 1/2.
R.F.Con A " 35	R.Benac	M.Meagher	Aug. 31, 1953	5	10	24	24	"	D	Blue clay 38; hardpan 53; gravel 63; limestone 112.
R.F.Con A " 35	H.O.Easy	W.M.E.Sparks	Sep. 11, 1953	5	5	38	28	"	D	Clay hardpan 52; limestone 124.
R.F.Con A " 35	R.Benac	M.Meagher	Sep. 11, 1953	5	10	26	26	"	D	Blue clay 36; hardpan 55; gravel 62; limestone 114.
R.F.Con A " 35	"	"	Sep. 22, 1953	5	10	28	28	"	D	Blue clay 35; hardpan 55; gravel 63; limestone 95.
R.F.Con A " 35	A.Saumure	Valley Drilling	Oct. 27, 1953	5	3	25	20	"	D	Blue clay 40; hardpan 55; blue limestone 103.
R.F.Con A " 35	H.O.Easy	W.M.E.Sparks	Nov. 2, 1953	4	5	30	26	"	D	Clay hardpan 58; limestone 100.
R.F.Con A " 35	A.Saumure	Valley Drilling	Nov. 6, 1953	5	3	30	25	"	D	Blue clay 45; hardpan 60; blue limestone 100.
R.F.Con A " 35	"	"	Nov. 6, 1953	5	4	25	20	"	D	Blue clay 30; hardpan 51; blue limestone 81.
R.F.Con A " 35	R.Arvisais	B.Phillips	Nov. 19, 1953	4	7 1/2	27	26	"	D	Clay 35; gravel 58; shale 64; limestone 115.

## CARLETON COUNTY-cont.

## Nepean Twp. Cont.

R.P. Con A	lot 35	O. Easy	M. Keagher	Nov. 19, 1953	4	10	25	Fresh	D	Topsoil 10; blue clay 35; hardpan 42; gravel sand 52; limest. 105.
R.P. Con A	"	J.P. Chenier	W.M.E. Sparks	Nov. 24, 1953	5	6	40	"	D	Clay 32; boulder sand gravel hardpan 64; limestone 129.
R.P. Con A	"	R. Arvisais	B. Phillips	Nov. 27, 1953	4	7 1/2	19	"	D	Clay 35; gravel sand 53; shale 64; limestone 118.
R.P. Con A	"	J.P. Chenier	W.M.E. Sparks	Nov. 30, 1953	4	5	90	"	D	Clay hardpan 59; limestone 187.
R.P. Con A	"	R. Arvisais	B. Phillips	Dec. 4, 1953	4	7 1/2	27	"	D	Clay 35; gravel sand 58; shale 64; limestone 108.
R.P. Con A	"	A. Saumure	Valley Drilling	Dec. 5, 1953	5	4	30	"	D	Blue clay 35; hardpan 43; blue limestone 99.
R.P. Con A	"	J.P. Chenier	W.M.E. Sparks	Dec. 9, 1953	4	5	40	"	D	Clay 35; hardpan 58; solid limestone 135.
R.P. Con A	"	O. Easy	M. Keagher	Dec. 9, 1953	5	10	26	"	D	Topsoil 8; blue clay 35; hardpan 45; sand gravel 53; limest. 110.
R.P. Con A	"	J.P. Chenier	W.M.E. Sparks	Dec. 11, 1953	4	5	27	"	D	Clay hardpan 54; limestone 138.
R.P. Con A	"	A. Saumure	Valley Drilling	Dec. 15, 1953	5	4	25	"	D	Blue clay 40; hardpan 54; blue limestone 106.
R.P. Con A	"	J.P. Chenier	W.M.E. Sparks	Dec. 27, 1953	4	5	40	"	D	Clay 35; hardpan 55; loose rock 60; solid limestone 104.
R.P. Con A	"	A. Saumure	Valley Drilling	Dec. 28, 1953	5	4	25	"	D	Blue clay 45; hardpan 63; blue limestone 108.
R.P. Con A	"	R. Benac	M. Keagher	Jan. 4, 1954	5	10	30	"	D	Topsoil 4; blue clay 35; hardpan 58; gravel 63; limestone 130.
R.P. Con A	"	J. Saumure	Valley Drilling	Jan. 8, 1954	5	4	28	"	D	Blue clay 30; hardpan 44; blue limestone 94.
R.P. Con A	"	J.P. Chenier	W.M.E. Sparks	Jan. 15, 1954	4	5	35	"	D	Clay hardpan 60; limestone 136.
R.P. Con A	"	"	"	Jan. 15, 1954	4	4	100	"	D	Clay 32; hardpan 58; limestone 213.
R.P. Con A	"	R. Arvisais	B. Phillips	Jan. 20, 1954	4	6	35	"	D	Clay 60; shale 72; limestone 123.
R.P. Con A	"	A. Saumure	Valley Drilling	Jan. 20, 1954	5	4	25	"	D	Blue clay 33; hardpan 53; blue limestone 102.
R.P. Con A	"	H.O. Easy	M. Keagher	Jan. 28, 1954	5	4	60	"	D	Clay loam 30; hardpan 63; blue limestone 200.
R.P. Con A	"	J.P. Chenier	W.M.E. Sparks	Jan. 29, 1954	4	5	80	"	D	Clay hardpan 60; limestone 179.
R.P. Con A	"	R. Arvisais	B. Phillips	Jan. 30, 1954	4	6	35	"	D	Clay 60; shale 70; limestone 120.
R.P. Con A	"	J.P. Chenier	W.M.E. Sparks	Feb. 1, 1954	4	5	50	"	D	Clay 35; hardpan 55; gravel 65; limestone 138.
R.P. Con A	"	R. Arvisais	B. Phillips	Feb. 9, 1954	5	6	35	"	D	Clay 53 shale 60; limestone 114.
R.P. Con A	"	H.O. Easy	M. Keagher	Feb. 10, 1954	5	4	70	"	D	Clay loam 33; hardpan 67; blue limestone 200.
R.P. Con A	"	J.P. Chenier	W.M.E. Sparks	Feb. 11, 1954	4	5	80	"	D	Clay hardpan 60; limestone 182.
R.P. Con A	"	R. Benac	Valley Drilling	Feb. 13, 1954	5	4	105	"	D	Blue clay 40; hardpan 58; blue limestone 235.
R.P. Con A	"	J.P. Chenier	B.E. Sparks	Feb. 23, 1954	5	5	35	"	D	Earth 35; hardpan 50; limest. 111.
R.P. Con A	"	"	W.M.E. Sparks	Feb. 26, 1954	4	5	107	"	D	Clay hardpan 60; limestone 182.
R.P. Con A	"	R. Benac	Valley Drilling	Mar. 1, 1954	5	4	65	"	D	Blue clay 40; hardpan 58; blue limestone 158.
R.P. Con A	"	J.P. Chenier	B.E. Sparks	Mar. 1, 1954	5	5	50	"	D	Earth 40; limestone 113.
R.P. Con A	"	R. Arvisais	B. Phillips	Mar. 5, 1954	5	6	35	"	D	Clay 58; fine sand 61; limestone 182.
R.P. Con A	"	A. Saumure	Valley Drilling	Mar. 6, 1954	5	4	40	"	D	Clay 30; hardpan 40; sand 54; limestone 102.
R.P. Con A	"	H.O. Easy	M. Keagher	Mar. 12, 1954	5	4	150	"	D	Clay loam 40; hardpan 68; blue limestone 250.
R.P. Con A	"	J.P. Chenier	W.M.E. Sparks	Mar. 13, 1954	4	5	80	"	D	Clay hardpan 60; limestone 168.
R.P. Con A	"	R. Benac	Valley Drilling	Mar. 17, 1954	5	4	65	"	D	Blue clay 40; hardpan 70; blue limestone 222.
R.P. Con A	"	J.P. Chenier	W.M.E. Sparks	Mar. 19, 1954	4	5	30	"	D	Clay hardpan 52; limestone 114.
R.P. Con A	"	"	"	Apr. 1, 1954	4	5	30	"	D	Clay hardpan 54; limestone 114.
R.P. Con A	"	Ferrin Const.	B. Phillips	Apr. 2, 1954	4	6	110	"	D	Clay 16; sandy limest. 26; running sand 27; hard sandy limest. 80; soft brown limestone 220; hard grey limestone 252.
R.P. Con A	"	A. Saumure	Valley Drilling	Apr. 2, 1954	5	4	10	"	D	Blue Clay 47; blue limestone 112.
R.P. Con A	"	R. Arvisais	B. Phillips	Apr. 12, 1954	4	6	35	"	D	Clay 52; fine sand 60; limestone 117.
R.P. Con A	"	J.P. Chenier	B.E. Sparks	Apr. 13, 1954	5	3	60	"	D	Earth 50; limestone 153.
R.P. Con A	"	"	W.M.E. Sparks	Apr. 14, 1954	4	5	26	"	D	Clay hardpan 50; limestone 141.
R.P. Con A	"	A. Saumure	Valley Drilling	Apr. 17, 1954	5	20	20	"	D	Blue clay 48; blue limestone 105.
R.P. Con A	"	R. Dennis	M. Keagher	Apr. 21, 1954	4	5	10	"	D	Clay 24; limestone 100.
R.P. Con A	"	J.P. Chenier	J.T. Dolan	Apr. 23, 1954	4	6	40	"	D	Clay 35; hardpan sand small boulders 55; hard dark-grey limest. 113.
R.P. Con A	"	"	B.E. Sparks	Apr. 24, 1954	5	4	50	"	D	Earth 40; limestone 115.
R.P. Con A	"	"	W.M.E. Sparks	Apr. 28, 1954	4	5	28	"	D	Clay hardpan 48; limestone 139.
R.P. Con A	"	O. Easy	M. Keagher	May 4, 1954	5	10	57	"	D	Topsoil 10; blue clay 31; hardpan 64; gravel 67; limest. 215.
R.P. Con A	"	B. Banac	Valley Drilling	May 11, 1954	5	6	25	"	D	Clay 40; hardpan 64; limestone 113.
R.P. Con A	"	J.P. Chenier	W.M.E. Sparks	May 11, 1954	4	5	80	"	D	Clay hardpan 50; limestone 201.
R.P. Con A	"	B. Banac	Valley Drilling	May 18, 1954	5	6 1/2	30	"	D	Clay 40; hardpan 60; blue limestone 174.
R.P. Con A	"	O. Easy	M. Keagher	May 20, 1954	5	10	57	"	D	Topsoil 10; blue clay 30; hardpan 69; gravel 74; limestone 200.
R.P. Con A	"	A. Saumure	Valley Drilling	May 22, 1954	5	4	15	"	D	Blue clay 45; blue limestone 111.
R.P. Con A	"	J. Dennis	M. Keagher	May 24, 1954	4	5	45	"	D	Boulder clay 10; gravel 15; limestone 100.
R.P. Con A	"	A. Saumure	Valley Drilling	May 31, 1954	5	4	15	"	D	Blue clay 50; blue limestone 110.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY-Cont.										
Nepean Twp.cont.										
R.F.Con. A lot 35	O.Easy	M.Meagher	Jun. 4, 1954	5	10	30	30	Fresh	D	Top soil 10; blue clay 30; hardpan 67; gravel sand 75; limest. 175.
R.F.Con. A " 35	J.P.Chenier	W.M.E.Sparks	Jun. 7, 1954	5	2	15	10	"	D	Clay loam 20; grey limestone 50.
R.F.Con. A " 35	"	"	Jun. 10, 1954	4	5	100	30	"	D	Clay hardpan 59; limestone 347.
R.F.Con. A " 35	A.Saumure	Valley Drilling	Jun. 14, 1954	5	6	28	20	"	D	Clay 50; blue limestone 110.
R.F.Con. A " 35	O.Easy	M.Meagher	Jun. 18, 1954	5	10	40	40	"	D	Top soil 10; blue clay 30; hardpan 69; gravel sand 74; limest. 187.
R.F.Con. A " 35	J.P.Chenier	B.E.Sparks	Jun. 22, 1954	5	5	10	8	"	D	Clay 40; limestone 53.
R.F.Con. A " 35	"	W.M.E.Sparks	Jun. 24, 1954	4	5	15	10	"	D	Clay hardpan 38; limestone 80.
R.F.Con. A " 35	"	B.E.Sparks	Jun. 25, 1954	5	5	65	10	"	D	Clay 40; limestone 107.
R.F.Con. A " 35	"	W.M.E.Sparks	Jun. 25, 1954	5	5	25	15	"	D	Clay loam 20; limestone 50.
R.F.Con. A " 35	Can. Petrofina	B. Phillips	Jun. 28, 1954	6	10	8	6	"	C	Clay 5; shaly limestone 118.
R.F.Con. A " 35	J.P.Chenier	B.E.Sparks	Jun. 30, 1954	5	4	40	25	"	D	Clay 49; limestone 121.
R.F.Con. A " 35	"	W.M.E.Sparks	Jul. 2, 1954	4	5	60	10	"	D	Clay limestone 45; limestone 121.
R.F.Con. A " 35	"	"	Jul. 2, 1954	5	5	25	15	"	D	Clay loam 43; limestone 63.
R.F.Con. A " 35	O.Easy	M.Meagher	Jul. 2, 1954	5	10	35	35	"	D	Top soil 10; blue clay 30; hardpan 70; gravel sand 73; limest. 152.
R.F.Con. A " 35	J.P.Chenier	W.M.E.Sparks	Jul. 6, 1954	4	5	12	10	"	D	Clay hardpan 43; limestone 100.
R.F.Con. A " 35	"	"	Jul. 8, 1954	4	5	12	8	"	D	Clay hardpan 39; limestone 92.
R.F.Con. A " 35	"	B.E.Sparks	Jul. 9, 1954	5	5	30	16	"	D	Clay 45; shale rock 55.
R.F.Con. A " 35	"	"	Jul. 13, 1954	5	5	35	20	"	D	Clay 45; limestone 91.
R.F.Con. A " 35	"	"	Jul. 14, 1954	5	5	10	8	"	D	Clay 45; limestone 50.
R.F.Con. A " 35	J.V.Roy	B. Phillips	Jul. 14, 1954	5	2	120	31	"	D	Clay 45; gravel 48; shale 50; limestone 280.
R.F.Con. A " 35	J.P.Chenier	W.M.E.Sparks	Jul. 15, 1954	5	5	11	8	"	D	Clay hardpan 56; limestone 82.
R.F.Con. A " 35	"	"	Jul. 20, 1954	4	5	10	8	"	D	Clay loam 42; limestone 90.
R.F.Con. A " 35	O.Easy	M.Meagher	Jul. 21, 1954	5	10	30	30	"	D	Top soil 12; blue clay 29; hardpan 67; gravel sand 74; limest. 162.
R.F.Con. A " 35	J.P.Chenier	W.M.E.Sparks	Jul. 22, 1954	5	5	15	9	"	D	Clay hardpan 51; limestone 65.
R.F.Con. A " 35	J.V.Roy	B. Phillips	Jul. 22, 1954	5	6	8	6	"	D	Clay 52; sand 54; limestone 223.
R.F.Con. A " 35	J.P.Chenier	B.E.Sparks	Jul. 23, 1954	5	5	25	15	"	D	Clay 38; limestone 129.
R.F.Con. A " 35	J.V.Roy	B. Phillips	Jul. 28, 1954	5	6	15	12	"	D	Clay 54; sand 56; limestone 110.
R.F.Con. A " 35	J.P.Chenier	W.M.E.Sparks	Jul. 30, 1954	4	5	100	12	"	D	Clay loam 43; limestone 175.
R.F.Con. A " 35	R.Arvisais	B. Phillips	Aug. 3, 1954	5	6	35	22	"	D	Clay 50; sand 54; limestone 99.
R.F.Con. A " 35	O.Easy	M.Meagher	Aug. 4, 1954	5	10	35	35	"	D	Top soil 10; blue clay 35; hardpan 70; sand gravel 75; limest. 175.
R.F.Con. A " 35	J.Dennis	W.J.King	Aug. 7, 1954	4	5	20	20	"	D	Grey clay with pebbles 8; soft limestone 75.
R.F.Con. A " 35	B.Banac	Valley Drilling	Aug. 9, 1954	5	3	60	30	"	D	Blue clay 30; hardpan sand 69; blue limestone 192.
R.F.Con. A " 35	O.Easy	M.Meagher	Aug. 12, 1954	5	10	35	35	"	D	Top soil 9; blue clay 30; hardpan 69; gravel sand 75; limest. 150.
R.F.Con. A " 35	J.P.Chenier	W.M.E.Sparks	Aug. 13, 1954	4	5	17	12	"	D	Clay hardpan 43; limestone 108.
R.F.Con. A " 35	A.Saumure	Valley Drilling	Aug. 14, 1954	5	4	30	20	"	D	Blue clay 45; blue limestone 100.
R.F.Con. A " 35	J.P.Chenier	W.M.E.Sparks	Aug. 20, 1954	4	5	15	12	"	D	Clay hardpan 40; limestone 108.
R.F.Con. A " 35	O.Easy	M.Meagher	Aug. 24, 1954	5	10	30	30	"	D	Top soil 9; blue clay 30; hardpan 65; sand gravel 70; limest. 150.
R.F.Con. A " 35	"	"	Sep. 7, 1954	5	10	35	35	"	D	Top soil 9; blue clay 28; hardpan 67; gravel sand 74; limest. 150.
R.F.Con. A " 35	J.V.Roy	B. Phillips	Sep. 21, 1954	5	6	22	17	"	D	Clay 50; gravel sand 55; limestone 134.
R.F.Con. A " 35	"	"	Sep. 21, 1954	5	6	22	17	"	D	Clay 50; sand gravel 55; limestone 134.
R.F.Con. A " 35	O.Easy	M.Meagher	Sep. 24, 1954	5	10	30	30	"	D	Top soil 10; blue clay 29; hardpan 59; sand gravel 66; limest. 120.
R.F.Con. A " 35	B.Banac	Valley Drilling	Oct. 2, 1954	5	6	30	18	"	D	Blue clay 65; blue limestone 123.
R.F.Con. A " 35	O.Easy	M.Meagher	Oct. 4, 1954	5	10	30	30	"	D	Top soil 10; blue clay 27; hardpan 65; gravel sand 73; limest. 125.
R.F.Con. A " 35	School	P.A.McLean & Son	Oct. 4, 1954	4	6 1/2	180	35	"	P	Blue clay 50; sand gravel 56; limest. 105; black shale 170; grey limest. w/ black shale 313.
R.F.Con. A " 35	A.Saumure	Valley Drilling	Oct. 14, 1954	5	5	20	20	"	D	Blue clay 40; blue limestone 110.
R.F.Con. A " 35	R.Arvisais	B. Phillips	Oct. 14, 1954	5	6	17	12	"	D	Clay 60; fine gravel 64.
R.F.Con. A " 35	E.J.Bullman	W.J.King	Oct. 22, 1954	4	5	15	14	"	D	Grey clay w/ pebbles 8; shale 40; hard limestone 84.
R.F.Con. A " 35	"	B. Phillips	Oct. 26, 1954	5	6	17	12	"	D	Clay 52; sandy gravel 56; limestone 103.
R.F.Con. A " 35	"	W.M.E.Sparks	Nov. 8, 1954	4	5	12	8	"	D	Clay hardpan 45; limestone 74.
R.F.Con. A " 35	L.P.Murray	W.J.King	Nov. 8, 1954	4	5	15	15	"	D	Clay w/ pebbles 27; shale 40; soft limestone 110.

CARLETON COUNTY-cont.  
Nepean Twp.cont.

R.P.Con A	lot 35	J.Dennis	M.Meagher	Nov. 9, 1954	4	10	10	10	Fresh	D	Topsoil 15; clay boulders 25; limestone 102.
R.P.Con A	" 35	R.Arvisais	W.M.E.Sparks	Dec. 3, 1954	4	5	10	6	"	D	Clay hardpan 60; limestone 132.
R.P.Con A	" 35	J.Dennis	M.Meagher	Dec. 8, 1954	4	5	24	16	"	D	Clay 20; limestone 105.
R.P.Con A	" 35	"	"	Dec. 23, 1954	4	4	16	11	"	D	Boulder clay 10; gravel 16; limestone 100.
R.P.Con A	" 35	R.Arvisais	W.M.E.Sparks	Dec. 29, 1954	4	5	100	24	"	D	Clay hardpan 55; limestone 202.
R.P.Con B	" 31	Sea.Scouts	B.Phillips	Jul. 6, 1954	4	6	8	6	"	F	Clay boulders 12; shale 20.
R.P.Con I	" 13	C.G.Bough	F.A.McLean & Son	Oct. 1, 1953	4	5	45	30	"	D	Sandy loam 5; clay 35; hardpan 47; hard blue limestone 65.
R.P.Con I	" 14	F.Whitehouse	J.B.Dufresne	Sept. 2, 1953	4	8	20	15	"	D	Clay 82; limestone 95.
R.P.Con I	" 16	C.D.Arthur	"	Jul. 8, 1953	3	8	10	5	"	D	Blue clay 55; limestone 58.
R.P.Con I	" 19	L.Edsell	W.Moloughney	Nov. 11, 1954	5	3	60	30	"	D	Silt 5; hardpan boulders 60; gravel 62.
R.P.Con I	" 21	G.Colbert	W.M.E.Sparks	Sep. 20, 1954	4	5	15	4	"	D	Loam hardpan 50; sandstone 74.
R.P.Con I	" 24	K.A.McAlpine	F.A.McLean & Son	Jun. 27, 1953	4 1/2	6	15	15	"	D	Brown sand 22; blue-grey clay 55; gravel 56; grey limest. 79.
R.P.Con I	" 24	J.Kurton	"	Apr. 2, 1954	4	10	8 1/2	8	"	D	Sand 6; clay 38; gravel 40; fine river sand 45; black and blue limestone 70.
R.P.Con I	" 24	M.Swinwood	"	Apr. 8, 1954	4	10	15	10	"	D	Sand 5; clay 46; river sand gravel 56; blue-black hard limest. 75.
R.P.Con I	" 24	J.Carscadden	"	Jun. 20, 1954	4	10	8	8	"	D	Sand 6; clay 40; sand gravel 47; hard blue limestone 69.
R.P.Con I	" 24	J.Paddington	J.B.Dufresne	Jun. 24, 1954	4	10	25	15	"	D	Sand 50; limestone 65.
R.P.Con I	" 24	J.Buchanan	B.Phillips	Jun. 28, 1954	4	6	14	12	"	D	Sand 48; sandstone 67.
R.P.Con I	" 24	J.VanDoorneck	"	Jul. 3, 1954	4	6	14	12	"	D	Sand 41; sandstone 55.
R.P.Con I	" 24	H.G.Forrest	J.B.Dufresne	Sep. 3, 1954	4	8	20	11	"	D	Sand 45; limestone 65.
R.P.Con I	" 24	E.Brown	"	Sep. 27, 1954	4	10	25	10	"	D	Sand 30; grey limestone 60.
R.P.Con I	" 25	A.Hitman	"	Aug. 12, 1953	3	6 1/2	17	14	"	D	Sandy soil 34; limestone 91.
R.P.Con I	" 26	E.Mullen	"	Apr. 18, 1953	3	3	45	20	"	D	Sand 53; limestone 193.
R.P.Con I	" 32	SullivanBldrs.	F.A.McLean & Son	Jan. 4, 1953	4	4 1/2	25	10	"	D	Till 14; rock 84.
R.P.Con I	" 32	V.R.Wallen	"	Jan. 7, 1953	4	4	25	10	"	D	Till 16; limestone 83.
R.P.Con I	" 32	A.Payette	"	Jan. 12, 1953	4	4	25	10	"	D	Till 12; rock 85.
R.P.Con I	" 32	SullivanBldrs.	"	Jan. 14, 1953	4	4	25	10	"	D	Till 16; rock 84.
R.P.Con I	" 32	P.Saumure	K.Sparks	Jan. 15, 1953	4	3	25	13	"	D	Top soil 6; limestone 79.
R.P.Con I	" 32	N.Sabetti	F.A.McLean & Son	Jan. 19, 1953	4	4	25	10	"	D	Till 17; rock 79.
R.P.Con I	" 32	SullivanBldrs.	"	Jan. 23, 1953	4	4 1/2	25	10	"	D	Till 14; rock 88.
R.P.Con I	" 32	A.Perrin	B.Phillips	Jan. 24, 1953	4	6 1/2	15	13	"	D	Clay 6; limestone 82.
R.P.Con I	" 32	R.Saumure	M.Meagher	Feb. 2, 1953	4	7 1/2	16	18	"	D	Clay 10; sandstone 30; limestone 82.
R.P.Con I	" 32	Learer & Stewart	B.Phillips	Feb. 6, 1953	4	7 1/2	15	13	"	D	Clay 6; hard brown limestone 85.
R.P.Con I	" 32	P.Saumure	"	Feb. 17, 1953	5	7 1/2	15	13	"	D	Clay 3; hard brown limestone 79.
R.P.Con I	" 32	D.L.Snowdon	F.A.McLean & Son	Feb. 18, 1953	4	4	25	10	"	D	Till 16; rock 86.
R.P.Con I	" 32	A.Perrin	B.Phillips	Feb. 23, 1953	5	7 1/2	15	13	"	D	Clay 4; sandstone 85.
R.P.Con I	" 32	SullivanBldrs.	F.A.McLean & Son	Feb. 25, 1953	4	4	25	10	"	D	Till 17; rock 88.
R.P.Con I	" 32	A.Perrin	B.Phillips	Feb. 28, 1953	5	7 1/2	15	13	"	D	Clay 4; sandstone 85.
R.P.Con I	" 32	R.Arvisais	"	Mar. 6, 1953	5	7 1/2	8	8	"	D	Clay 4; hard brown limestone 77.
R.P.Con I	" 32	"	"	Mar. 11, 1953	4	7 1/2	10	8	"	D	Clay 4; hard brown limestone 81.
R.P.Con I	" 32	"	"	Mar. 16, 1953	4	7 1/2	10	8	"	D	Clay 4; hard brown limestone 77.
R.P.Con I	" 32	"	"	Mar. 21, 1953	4	7 1/2	10	8	"	D	Clay 8; hard brown limestone 82.
R.P.Con I	" 32	"	"	Mar. 26, 1953	4	7 1/2	3	2	"	D	Clay 8; hard brown limestone 89.
R.P.Con I	" 32	A.Payette	F.A.McLean & Son	Mar. 30, 1953	4	4 1/2	25	12	"	D	Till 18; rock 80.
R.P.Con I	" 32	D.Barton	B.Phillips	Apr. 3, 1953	4	7 1/2	16	13	"	D	Clay 18; grey limestone 96.
R.P.Con I	" 32	A.Perrin	"	Apr. 15, 1953	4	7 1/2	10	8	"	D	Clay 4; hard brown limestone 85.
R.P.Con I	" 32	A.Payette	F.A.McLean & Son	Apr. 16, 1953	4 1/2	6	8	4	"	D	Clay 10; till 17; limestone 95.
R.P.Con I	" 32	A.Perrin	B.Phillips	Apr. 20, 1953	4	7 1/2	15	13	"	D	Clay 6; hard brown limestone 83.
R.P.Con I	" 32	SullivanConst.	F.A.McLean & Son	Apr. 22, 1953	4 1/2	6	7	5	"	D	Till 3; limestone 85.
R.P.Con I	" 32	Myers & Dale	M.Meagher	Apr. 22, 1953	4	3	3	3	"	D	Clay stones 3 1/2; limestone 70; mixed sandst. and limest. 90.
R.P.Con I	" 32	Learer/Stewart	B.Phillips	Apr. 24, 1953	4	7 1/2	2	2	"	D	Clay 6; hard brown limestone 85.
R.P.Con I	" 32	SullivanConst.	F.A.McLean & Son	Apr. 28, 1953	4 1/2	6	6	4	"	D	Clay 4; limestone 86.
R.P.Con I	" 32	Myers & Dale	M.Meagher	Apr. 29, 1953	4	4	3	3	"	D	Clay sand stones 3; limestone 70; mixed limest. and sandst. 91.
R.P.Con I	" 32	L.Armstrong	B.Phillips	May 1, 1953	4	7 1/2	12	10	"	D	Clay 6; broken limest. 32; hard brown limest. 82.
R.P.Con I	" 32	J.V.Roy	"	May 5, 1953	4	7 1/2	3	2	"	D	Clay 6; hard brown limestone 86.
R.P.Con I	" 32	SullivanConst.	F.A.McLean & Son	May 6, 1953	4 1/2	6	4	3	"	D	Clay 4; loose rock 6; limestone 83.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY-cont										
Nepean Twp.cont.										
R.P.Con I lot 32	P.Saumure	B.Phillips	May 9, 1953	4	7 1/2	15	13	Fresh	D	Clay 6; hard brown limestone 90.
R.P.Con I " 32	L.Mulligan	M.Meagher	May 15, 1953	4	10	16	16	"	D	Grey clay 18; sandstone 75.
R.P.Con I " 32	D.McSweeney	J.Kettles	May 16, 1953	4	20	69	12	"	D	Small stones gravel 16; grey limestone 100.
R.P.Con I " 32	L.Armstrong	B.Phillips	May 16, 1953	4	7 1/2	15	13	"	D	Clay 7; limestone 90.
R.P.Con I " 32	"	"	May 21, 1953	4	7 1/2	15	13	"	D	Clay 8; limestone 100.
R.P.Con I " 32	R.Saumure	M.Meagher	May 21, 1953	4	4	4	4	"	D	Clay stones 5; limestone 35; sandstone 75.
R.P.Con I " 32	J.V.Roy	B.Phillips	May 26, 1953	4	7 1/2	12	10	"	D	Clay 6; limestone 33.
R.P.Con I " 32	L.Armstrong	"	May 29, 1953	4	7 1/2	12	10	"	D	Clay 8; limestone 85.
R.P.Con I " 32	"	S.H.Mulligan	May 30, 1953	4	30	15	15	"	D	Limestone 96.
R.P.Con I " 32	Couture/Surch	B.Phillips	Jun. 3, 1953	4	7 1/2	12	10	"	D	Clay 8; limestone 86.
R.P.Con I " 32	M.Sullivan	F.A.McLean & Son	Jun. 9, 1953	4 1/2	6 1/2	11	9	"	D	Boulders till 8; limestone 80.
H.P.Con I " 32	"	"	Jun. 15, 1953	4 1/2	6 1/2	12	10	"	D	Boulders 10; limestone 79.
R.P.Con I " 32	J.Leing	"	Jun. 19, 1953	4 1/2	6 1/2	15	13	"	D	Boulders 6; limestone 78.
R.P.Con I " 32	J.P.Skead	M.Meagher	Jul. 3, 1953	4	10	15	15	"	D	Brown clay 3; sandstone 95.
R.P.Con I " 32	J.V. Roy	B.Phillips	Jul. 7, 1953	4	7 1/2	12	10	"	D	Clay 8; limestone 89.
R.P.Con I " 32	M.Sullivan	F.A.McLean & Son	Jul. 10, 1953	4 1/2	6	32	20	"	D	Boulders 3; limestone 114.
R.P.Con I " 32	J.P.Skead	M.Meagher	Jul. 16, 1953	4	10	15	15	"	D	Brown clay 3; sandstone 85.
R.P.Con I " 32	A.Payette	F.A.McLean & Son	Jul. 17, 1953	4 1/2	6 1/2	27	25	"	D	Boulders 12; limestone 81 1/2.
R.P.Con I " 32	M.Sullivan	"	Jul. 23, 1953	4 1/2	6 1/2	16	15	"	D	Boulders 7; limestone 55.
R.P.Con I " 32	P.Parton	J.Kettles	Aug. 20, 1953	4	12	32	30	"	D	Red clay some pebbles 14; gravel 16; hard limestone 100.
H.P.Con I " 32	M.Sullivan	F.A.McLean & Son	Aug. 24, 1953	4 1/2	5	30 1/2	15 1/2	"	D	Boulders 3; limestone 121.
R.P.Con I " 32	"	"	Sep. 1, 1953	4	6	20	17	"	D	Clay hardpan 4; limestone 104.
R.P.Con I " 32	A.Payette	"	Sep. 17, 1953	4	6	14	12	"	D	Clay 10; hardpan 15; limestone 70; sandstone 87.
R.P.Con I " 32	M.Sullivan	"	Oct. 9, 1953	4	6	35	19	"	D	Hardpan 9; limestone 102; sandstone 115.
R.P.Con I " 32	A.Stewart	B.Phillips	Nov. 2, 1953	4	7 1/2	30	22	"	D	Clay 4; limestone 107.
R.P.Con I " 32	M.Sullivan	F.A.McLean & Son	Nov. 5, 1953	4	6	23	20	"	D	Fill 5; limestone 80; black shale sandstone 85.
R.P.Con I " 32	A.Stewart	B.Phillips	Jan. 2, 1954	5	7 1/2	30	22	"	D	Top soil 6; limestone 107.
R.P.Con I " 32	T.R.Reside	"	Mar. 13, 1954	4	6	27	22	"	D	Clay 22; hardpan 26; limestone 105.
R.P.Con I " 32	E.McLaughlin	"	May 15, 1954	5	6	22	17	"	D	Clay 12; limestone 97.
R.P.Con I " 32	T.Davidson	F.A.McLean & Son	May 21, 1954	5	8	26	22	"	D	Clay boulders 9; limestone 80.
R.P.Con I " 32	Skead Bros.	B.Phillips	May 24, 1954	5	6	20	17	"	D	Clay 6; limestone 90.
R.P.Con I " 32	D.Liddeard	F.A.McLean & Son	May 25, 1954	5	8	15	15	"	D	Clay stones 9; limestone 75.
R.P.Con I " 32	K.R.Dale	W.J.King	Jun. 9, 1954	4	4 1/2	13	18	"	D	Clay 5; hard limestone 78.
R.P.Con I " 32	"	"	Jun. 19, 1954	4	4 1/2	13	18	"	D	Clay 5; hard limestone 82.
R.P.Con I " 32	"	"	Jul. 3, 1954	4	5	18	18	"	D	Clay 8; hard limestone 78.
R.P.Con I " 32	SullivanBldrs.	F.A.McLean & Son	Jul. 30, 1954	4	4	24	18	"	D	Till 4; limestone 73.
R.P.Con I " 32	A.Stewart	B.Phillips	Aug. 9, 1954	4	6	22	17	"	D	Clay 6; sandstone 57.
R.P.Con I " 32	SullivanBldrs.	F.A.McLean & Son	Aug. 13, 1954	4	4	24	16	"	D	Till 4; limestone 71.
R.P.Con I " 32	"	"	Aug. 16, 1954	4	4	24	16	"	D	Till 12; limestone 71.
R.P.Con I " 32	A. Stewart	B.Phillips	Aug. 18, 1954	5	6	22	17	"	D	Clay 6; hard limestone 93.
R.P.Con I " 32	Skead Bros.	W.J.King	Aug. 20, 1954	4	5	17	17	"	D	Clay 7; hard limestone 86.
R.P.Con I " 32	K.R.Dale	"	Aug. 30, 1954	4	5	22	22	"	D	Clay 12; hard limestone 109.
R.P.Con I " 32	M.Sullivan	F.A.McLean & Son	Aug. 30, 1954	4	6	17	17	"	D	Clay 2; limestone 72.
R.P.Con I " 32	"	"	Aug. 30, 1954	4	6 1/2	34	25	"	D	Clay loam 5; blue limestone 115.
R.P.Con I " 32	Skead Bros.	B.Phillips	Sep. 1, 1954	4	6	22	17	"	D	Clay 10; limestone 84.
R.P.Con I " 32	M.Sullivan	F.A.McLean & Son	Sep. 7, 1954	4	6	14	13	"	D	Clay stones 5; limestone 71.
R.P.Con I " 32	K.R.Dale	W.J.King	Sep. 10, 1954	4	5	15	15	"	D	Clay 12; hard limestone 66.
R.P.Con I " 32	W.M.Sullivan	F.A.McLean & Son	Sep. 15, 1954	4	5	18	18	"	D	Sandy loam 3; limestone 75.
R.P.Con I " 32	"	"	Sep. 24, 1954	4	5	14	9	"	D	Sandy loam 4; limestone 65.
R.P.Con I " 32	K.R.Dale	W.J.King	Sep. 25, 1954	4	5	17	17	"	D	Clay 4; hard limestone 74.
R.P.Con I " 32	E.K.Easter	B.Phillips	Sep. 29, 1954	5	6	22	17	"	D	Clay 8; limestone 103.



## CARLETON COUNTY-cont.

## Nepean Twp. cont.

R.P. Con I	lot 32	W.X. Sullivan	P.A. McLean & Son	Sep. 30, 1954	4	5	14	14	Fresh	D	Sandy loam 8; limestone 67.
R.P. Con I	"	K.R. Dale	W.J. King	Oct. 8, 1954	4	5	12	12	"	D	Clay 13; hard limestone 69.
R.P. Con I	"	W.M. Sullivan	P.A. McLean & Son	Oct. 10, 1954	4	5	14	10	"	D	Sandy loam 10; limestone 69.
R.P. Con I	"	"	"	Oct. 15, 1954	4	5	12	8	"	D	Sandy loam 12; limestone 69.
R.P. Con I	"	A. Stewart	B. Phillips	Oct. 21, 1954	5	6	15	12	"	D	Clay 6; limestone 103.
R.P. Con I	"	"	"	Nov. 1, 1954	5	6	15	4	"	D	Clay 12; limestone 89.
R.P. Con I	"	J. Herbert	P.A. McLean & Son	Nov. 9, 1954	4	10	13	13	"	D	Sandy clay 15; black limestone 70.
R.P. Con I	"	A. Person	S.H. Mulligan	Nov. 11, 1954	4	5	10	7	"	D	Clay 5; limestone 36; limestone w/ shale 43; hard sandstone 84; limestone with shale 104.
R.P. Con I	"	A. Stewart	B. Phillips	Nov. 13, 1954	6	6	15	4	"	D	Clay 10; limestone 91.
R.P. Con I	"	"	"	Nov. 25, 1954	6	6	6	6	"	D	Clay 10; limestone 100.
R.P. Con I	"	W.M. Sullivan	P.A. McLean & Son	Nov. 30, 1954	4	5	6	4	"	D	Sandy loam 2; silt boulders 40; fine sand 63; limestone 79.
R.P. Con I	"	A. Stewart	B. Phillips	Dec. 1, 1954	6	6	4	2	"	D	Clay 10; limestone 92.
R.P. Con I	"	R. Bow	W.J. King	Dec. 2, 1954	4	5	14	12	"	D	Clay 7; hard limestone 88.
R.P. Con I	"	W.M. Sullivan	P.A. McLean & Son	Dec. 4, 1954	4	5	12	8	"	D	Sandy loam 2; silt boulders 35; fine sand 38; limestone 70.
R.P. Con I	"	W.M. "	"	Dec. 14, 1954	4	5	12	8	"	D	Sandy loam 2; silt boulders 35; fine sand 38; limestone 70.
R.P. Con I	"	M. "	"	Jan. 3, 1953	4	8	6	6	"	D	Sand small boulders 8; blue limestone 101.
R.P. Con I	"	L. Armstrong	B. Phillips	Jan. 7, 1953	4	7 1/2	12	10	"	D	Clay 15; limestone 104.
R.P. Con I	"	R. Benac	M. Meagher	Jan. 8, 1953	4	3	5	5	"	D	Blue clay 20; blue limestone 110.
R.P. Con I	"	L. Stewart	P.A. McLean & Son	Jan. 10, 1953	4	5	7	7	"	D	Sand boulders 8; blue limestone 100.
R.P. Con I	"	L. Armstrong	S.H. Mulligan	Jan. 14, 1953	4	5	18	4	"	D	Clay 19; stone 24; gravel 23; stone 32; gravel 75; limestone.
R.P. Con I	"	O. Easy	M. Meagher	Jan. 15, 1953	4	5	40	40	"	D	Clay 10; sandstone 60; limestone 100.
R.P. Con I	"	R. Benac	"	Jan. 17, 1953	4	3	5	5	"	D	Blue clay 20; blue limestone 100.
R.P. Con I	"	L. Armstrong	B. Phillips	Jan. 20, 1953	4	7 1/2	4	3	"	D	Clay 15; limestone 99.
R.P. Con I	"	O. Easy	M. Meagher	Jan. 23, 1953	4	5	40	40	"	D	Clay 10; sandstone 65; limestone 100.
R.P. Con I	"	L. Armstrong	S.H. Mulligan	Jan. 26, 1953	4	18	12	12	"	D	Clay 9; stone 22; gravel 30; limestone 90.
R.P. Con I	"	O. Easy	M. Meagher	Jan. 27, 1953	4	5	40	40	"	D	Clay 10; sandstone 75; limestone 100.
R.P. Con I	"	W. Lancaster	B. Phillips	Jan. 31, 1953	4	7 1/2	7	6	"	D	Clay 18; limestone 109.
R.P. Con I	"	L. Armstrong	S.H. Mulligan	Feb. 10, 1953	4	12	3	3	"	D	Clay 9; gravel 11; hard limestone 31; soft limestone 85.
R.P. Con I	"	W. Lancaster	B. Phillips	Feb. 12, 1953	5	7 1/2	3	2	"	D	Clay 20; limestone 103.
R.P. Con I	"	L. Edsell	G.S. Mulligan	Feb. 18, 1953	4	4 1/2	27	18	"	D	Clay 15; shale limestone 130.
R.P. Con I	"	O.H. Easy	M. Meagher	Mar. 7, 1953	4	15	12	10	"	D	Blue clay 6; hard blue limestone 112.
R.P. Con I	"	D. Saumure	"	Mar. 9, 1953	4	15	12	12	"	D	Blue clay 8; hard blue limestone 75.
R.P. Con I	"	L. Edsel	G.S. Mulligan	Mar. 10, 1953	4	5	26	18	"	D	Clay 15; white limestone 112.
R.P. Con I	"	"	"	Mar. 21, 1953	4	5	25	18	"	D	Blue clay 15; white limestone 133.
R.P. Con I	"	O. Easy	M. Meagher	Mar. 29, 1953	4	4	11	10	"	D	Blue clay stones 5; limestone 50; sandstone 55; mixed sandstone and limestone 109.
R.P. Con I	"	L. Edsel	G.S. Mulligan	Mar. 31, 1953	4	4 1/2	25	18	"	D	Blue clay 15; white limestone 112.
R.P. Con I	"	"	"	Apr. 18, 1953	4	3	25	18	"	D	Clay boulders 18; white limestone 112.
R.P. Con I	"	Hobin Bros.	P.A. McLean & Son	Jan. 7, 1953	4	4	85	50	"	D	Till 3; rock 170.
R.P. Con I	"	R. Benac	M. Meagher	Jan. 23, 1953	4	3	15	15	"	D	Blue clay 7; blue limestone 109.
R.P. Con I	"	J. Hollington	W.M.E. Sparks	Jan. 26, 1953	5	5	50	30	"	D	Clay loam 6; limestone 150.
R.P. Con I	"	W.D. Stewart	Valley Drilling	Jan. 26, 1953	4	4	28	28	"	D	Clay loam 3; limestone 161.
R.P. Con I	"	Hobin Bros.	P.A. McLean & Son	Feb. 13, 1953	4	4	75	40	"	D	Till 4; rock 168.
R.P. Con I	"	L. Armstrong	S.H. Mulligan	Feb. 28, 1953	4	20	16	16	"	D	Clay 2; stone 25; hard limestone 130; soft limestone 195.
R.P. Con I	"	G. Nesbitt	K. Sparks	Mar. 1, 1953	5	3	95	15	"	D	Till 8; limestone 182.
R.P. Con I	"	L. Armstrong	S.H. Mulligan	Mar. 11, 1953	4	30	16	16	"	D	Clay 2; stone 23; hard limestone 75; soft limestone 162; stone 178; soft limestone 191.
R.P. Con I	"	R. Benac	M. Meagher	Mar. 29, 1953	4	20	20	20	"	D	Clay 3; limestone 155.
R.P. Con I	"	L. Armstrong	S.H. Mulligan	Mar. 30, 1953	4	20	15	15	"	D	Clay 4; hard limestone 75; soft limestone 160; hard limestone 190; soft limestone 201.
R.P. Con I	"	G. Nesbitt	Valley Drilling	Mar. 30, 1953	5	5	40	12	"	D	Blue clay 6; blue limestone 178.
R.P. Con I	"	Hobin Bros.	P.A. McLean & Son	Mar. 31, 1953	4	6 1/2	26	18	"	D	Till 4; limestone 174.
R.P. Con I	"	W. Lancaster	B. Phillips	Apr. 9, 1953	4	7 1/2	13	8	"	D	Clay 10; grey limestone 126.
R.P. Con I	"	R. Benac	M. Meagher	Apr. 16, 1953	4	20	20	20	"	D	Clay 3; limestone 165.
R.P. Con I	"	L. Armstrong	S.H. Mulligan	Apr. 17, 1953	4	20	15	15	"	D	Clay 3; hard limestone 78; soft limestone 140; blue limestone 175; s. limestone 200.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY-cont Nepean Twp.cont. R.F.Con I lot 34	L.Armstrong	S.H.Mulligan	May 2, 1953	4		20	14	Fresh	D	Clay 5; hard limest. 80; soft limest. 140; blue sandst. 175; soft limestone 200.
R.F.Con I " 34	O.Easy	M.Meagher	May 2, 1953	4			20	"	D	Clay 3; limestone 160.
R.F.Con I " 34	L.Armstrong	S.H.Mulligan	May 10, 1953	4		30	15	"	D	Limestone 95; sandstone 160.
R.F.Con I " 34	R.Dennis	M.Meagher	May 14, 1953	4	5	13	10	"	D	Limest. 20; black shale sandst. 100; sandstone 155.
R.F.Con I " 34	W.Kolburg	B.Phillips	Jun. 9, 1953	4	7 1/2	22	18	"	D	Clay 1; broken brown limest. 6; light brown limest. 120; dark limest 125; white limestone 165.
R.F.Con I " 34	P.H.Murphy	S.H.Mulligan	Jul. 1, 1953	5		28	24	"	D	Previously drilled 78; hard limest. 95; soft limest. 145; hard sandstone 170; soft sandstone 180.
R.F.Con I " 34	J.Hollington	W.M.E.Sparks	Jul. 8, 1953	5	5	100	35	"	D	Loam 3; limestone 204.
R.F.Con I " 34	W.Lancaster	B.Phillips	Aug. 4, 1953	4	7 1/2	50	47	"	D	Previously drilled 104; limestone 199.
R.F.Con I " 34	J.D.Rogers	P.A.McLean & Son	Oct. 1, 1953	4	6	35	20	"	D	Hardpan 3; limestone 50; sandstone black shale 97.
R.F.Con I " 34	J.Hollington	W.M.E.Sparks	Oct. 5, 1953	5	5	80	35	"	D	Loam 4; limestone 178.
R.F.Con I " 34	J.Dennis	M.Meagher	Dec. 22, 1953	4	6		14	"	D	Clay 26; gravel 30; limestone 85.
R.F.Con I " 34	J.Hollington	B.Sparks	Jan. 28, 1954	5	6	85	50	"	D	Till 3; limestone 194.
R.F.Con I " 34	B.Rheaume	P.A.McLean & Son	May 15, 1954	5	8	35	15	"	D	Clay stones 5; limest. 65; black shale 95; limest. 145.
R.F.Con I " 34	O.M.Taylor	"	Oct. 15, 1954	4	5	20	15	"	D	Sandy loam 3; limestone 102.
R.F.Con I " 35	L.Prudhomme	M.Meagher	Jan. 31, 1953	4	3	15	15	"	D	Blue clay 10; blue limestone 66.
R.F.Con I " 35	"	"	Feb. 21, 1953	4			20	"	D	Clay 8; limestone 72.
R.F.Con I " 35	L.Armstrong	S.H.Mulligan	Mar. 2, 1953	4		20	16	"	D	Clay 16; hard limest. 46; soft limest. 75; hard limest. 105; soft black limest. shale 115; very soft limestone 144.
R.F.Con I " 35	"	"	Mar. 11, 1953	4		22	18	"	D	Clay 15; hard limest. 53; soft limest. 95; hard limest. sandst. 105; very soft limestone 151.
R.F.Con I " 35	D.Ryan	Valley Drilling	Apr. 21, 1953	4	5	20	11	"	D	Clay 5; hard blue limest. 68; soft blue limestone 164.
R.F.Con I " 35	O.Kearns	S.H.Mulligan	May 11, 1953	4		15	9	"	D	Clay 16; hard limest. 45; soft limest. 60; hard limest. 80; soft limestone 100.
R.F.Con I " 35	W.Spirak	C.V.Morrison	Jun. 10, 1953	6	10	20	16	"	D	Clay 18; limestone 70.
R.F.Con I " 35	Daoust Constr. Reg'd.	B.Phillips	Jun. 20, 1953	6	8	22	18	"	P	Clay 6; limest. 160; white limest. 175; broken limest. 180; white limestone 200.
R.F.Con I " 35	L.Armstrong	S.H.Mulligan	Jun. 23, 1953	4		18	14	"	D	Clay 16; hard limest. 57; soft limest. 92; hard limest. 110; soft limestone 126.
R.F.Con I " 35	G.Monck	B.Phillips	Jul. 2, 1953	4	7 1/2	40	30	"	D	Clay 6; limestone 160.
R.F.Con I " 35	L.Armstrong	S.H.Mulligan	Jul. 11, 1953	4		17	12	"	D	Clay 16; hard limest. 55; soft limest. 90; hard limest. 115; soft limestone 138.
R.F.Con I " 35	"	"	Jul. 18, 1953	4		10	9	"	D	Clay 15; hard limest. 38; soft limest. 65; hard limest. 98; soft limestone 135.
R.F.Con I " 35	"	"	Jul. 28, 1953	4		11	9	"	D	Clay 15; hard limest. 35; soft limest. 65; hard limest. 100; soft limestone 140.
R.F.Con I " 35	"	"	Aug. 25, 1953	4		17	14	"	D	Clay 16; hard limest. 43; soft limest. 70; hard limest. 94; soft limestone 145.
R.F.Con I " 35	"	"	Sep. 22, 1953	4		18	14	"	D	Clay 15; hard limest. 43; soft limest. 76; hard limest. 92; soft limestone with shale 154.
R.F.Con I " 35	"	"	Oct. 1, 1953	4		16	13	"	D	Clay 15; hard limest. 42; soft limest. 80; hard limest. 115; soft limest. with black shale 160.
R.F.Con I " 35	J.P.Chenier	W.M.E.Sparks	Oct. 2, 1953	5	5	21	16	"	D	Previously drilled 99; limestone 160.
R.F.Con I " 35	L.Armstrong	S.H.Mulligan	Oct. 8, 1953	4		20	16	"	D	Clay 16; hard limest. 45; soft limest. 95; hard limest. 110; soft limest. with shale 155.
R.F.Con I " 35	R.Dennis	M.Meagher	Oct. 10, 1953	4	10	12	12	"	D	Clay 7; black shale limestone 130.
R.F.Con I " 35	L.Armstrong	S.H.Mulligan	Oct. 19, 1953	4	10	17	13	"	D	Clay 15; hard limestone 43; soft limest. 64; hard rock 72; soft limest. 106; black limest. shale 126; soft limest. sandstone 155.

## CARLETON COUNTY-cont.

## Sepean Twp. cont.

R.P.Con I	lot 35	L.Armstrong	S.H.Mulligan	Oct.28,1953	4	18	14	Fresh	D	Clay 15;hard limest.43;soft limest.67;hard rock 75;soft limest.105;black limest. shale 126;soft sandst. 141.	
R.P.Con I	" 35	R.Daoust	"	Nov. 3,1953	4	15	11	"	D	Clay 12;hard limest.29;soft limest.43;hard limest.95; soft limest. shale 122.	
R.P.Con I	" 35	L.Armstrong	"	Nov.12,1953	4	15	11	"	D	Clay14;hard limest.52;soft limest.65;hard limest.95; soft limest.115; very soft limest. with shale 150.	
R.P.Con I	" 35	A.Payette	P.A.McLean & Son	Nov.12,1953	4	38	38	"	D	Clay 3;limest.95;black shale 105;limest.145;grey shale sandst.165	
R.P.Con I	" 35	L.Armstrong	S.H.Mulligan	Nov.24,1953	4	13	10	"	D	Clay15;hard limest.49;soft limest. 67;hard limest.96; soft limestone shale 145.	
R.P.Con I	" 35	"	"	Dec. 3,1953	4	12	9	"	D	Clay 10;hard limest.27;soft limest.85;hard limest.95;soft limest.shale 120; soft sandstone 151.	
R.P.Con I	" 35	"	"	Dec.14,1953	4	13	9	"	D	Clay 10;hard limest. 24;soft limest.65;hard limest.95; soft limestone shale 145.	
R.P.Con I	" 35	A.Payette	P.A.McLean & Son	Dec.30,1953	4	5	38	15	"	D	Boulder till; 12;limestone 171.
R.P.Con I	" 35	D.Ryan	Valley Drilling	Jan.30,1954	4	4	25	10	"	D	Silt 4; limestone 121.
R.P.Con I	" 35	"	"	Feb. 7,1954	4	5	25	12	"	D	Silt 3; limestone 136.
R.P.Con I	" 35	"	"	Feb.15,1954	4	4	30	15	"	D	Silt 3; limestone 170.
R.P.Con I	" 35	"	"	Feb.22,1954	4	4	30	15	"	D	Silt 3; limestone 136.
R.P.Con I	" 35	A.Payette	P.A.McLean & Son	Nov. 2,1954	4	10	6	5	"	D	Clay boulders 15; black limestone 50.
R.P.Con I	" 35	D.Jeffrey	B.Phillips	Dec.13,1954	5	6	6	4	"	D	Clay 6;broken limest. 15;limestone 97.
R.P.Con II	" 1	C.Watt	M.Meagher	Jun.11,1954	5	5	30	30	"	D	Clay 60; gravel 70.
R.P.Con II	" 7	S.N.Crowder	J.B.Dufresne	Oct. 5,1954	2	3	50	30	"	D	Mixed clay boulder sand and gravel ; grey limestone 175.
R.P.Con II	" 8	W.Pinke	P.A.McLean & Son	Sep. 1,1954	4	4	40	30	"	D	Clay 43;hardpan boulders 63;limestone 163.
R.P.Con II	" 11	L.A.Davis	M.Meagher	Apr. 4,1953	4	15	15	15	"	D	Boulders grey clay 20;blue cl hard blue limest. 75.
R.P.Con II	" 14	P.L.Kierney	J.B.Dufresne	Sep.16,1954	4	20	20	10	"	D	Gravel boulders 32.
R.P.Con II	" 22	G.Stinson	M.Meagher	May 27,1954	4	5	6	6	"	D	Clay 45; gravel 47.
R.P.Con III	" 13	K.Burnet	B.E.Sparks	Feb.15,1954	5	8	14	12	"	D,S	Hardpan boulders 19;sandy li e 68.
R.P.Con III	" 32	H.Bray	"	Nov.30,1954	6	5	65	30	"	D	Clay 67; sandstone 130.
R.P.Con III	" 35	B.Davis	"	Jul. 8,1953	5	5	65	40	"	D	Clay 46;limestone 125.
R.P.Con III	" 35	R.H.Brown	"	May 24,1954	5	4	32	30	"	D	Clay 48;limestone 115.
R.P.Con IV	" 25	H.Lytte	P.A.McLean & Son	Mar.30,1954	4	6	6	2	"	D	Brown sand 3; white sandstone 20.
R.P.Con IV	" 33	H.G.Latham	B.Phillips	Mar.24,1954	5	8	7	5	"	D	Sand 5; sandstone 68.
R.P.Con IV	" 35	Ont.HydroElec.	J.B.Dufresne	Jan.10,1953	3	4	30	20	"	P	Sand 65;boulder gravel 78;limestone 158.
R.P.Con IV	" 35	L.MacDonald	P.A.McLean & Son	Mar. 3,1953	5	16 1/2	18	16	"	D	Clay 15;hardpan 16;brown sandst.50;blue sandst.60; brown sandstone 68 1/2.
R.P.Con IV	" 35	J.P.Morris	"	Apr. 9,1953	5	6 1/2	24	14	"	D	Sandy loam 2;sand 30;sandstone 66.
R.P.Con IV	" 35	D.Plunkett	J.B.Dufresne	Apr.26,1953	3	3	25	6	"	D	Clay 17; sandstone 75.
R.P.Con IV	" 35	Public School	"	May 1,1953	4	12	6	2	"	P	Clay 18;gravel 19; sandstone 97.
R.P.Con IV	" 35	Sep.School #4	"	Aug. 8,1953	4	8	20	10	"	P	Clay 17;boulder gravel 20;sandstone 60.
R.P.Con IV	" 35	R.O'Malley	"	Oct. 1,1953	2	5	20	10	"	D	Clay 24; sandstone 47.
R.P.Con IV	" 35	M.Blair	W.M.E.Sparks	Oct. 5,1954	4	5	30	12	"	D	Clay 24; sandstone 62.
R.P.Con IV	" 35	Dugas&Leroux	M.Meagher	Dec.14,1954	4	10	10	10	"	D	Top soil 8;clay 18; hard sandstone 55.
R.P.Con V	" 15	T.W.McKay	J.B.Dufresne	Jul. 1,1954	4	5	10	5	"	D	Clay 80;grey limestone 140.
R.P.Con V	" 22	S.M.Lynn	P.A.McLean & Son	Feb.17,1953	4	5	20	20	"	D	Boulder till 61;limestone 135.
R.P.Con V	" 22	W.J.Burke	B.E.Sparks	Jan. 3,1954	5	6 1/2	35	35	"	D	Earth 2;hardpan boulders 67.
R.P.Con V	" 23	P.Brownlee	"	Feb. 8,1954	5	4	35	30	"	D,S	Dug well 30;hardpan gravel 39;limestone 46.
R.P.Con V	" 27	R.Mooney	"	Mar.22,1954	5	4	30	8	"	D	Earth 4; limestone 85.
R.P.Con V	" 29	J.Steenbackers	P.P.Sparks	Nov.15,1954	4	3	18	12	"	D	Loam 10; limestone 80.
R.P.Con V	" 30	P.Owen	J.B.Dufresne	Jul. 6,1953	2	5	15	7	"	D	Clay 7; sandstone 42.
R.P.Con V	" 32	L.Leason	"	Mar. 2,1953	2	5	28	8	"	D	Sand 8; sandstone 70.
R.P.Con V	" 32	J.Jenkins	"	Oct. 7,1953	2	4	20	10	"	D	Sandstone 55.
R.P.Con V	" 34	K.Davidson	B.Phillips	Jun.11,1954	4	10	5	4	"	D	Clay 14;sandstone 57.
R.P.Con V	" 35	P.Nixon	J.B.Dufresne	Jun.16,1953	2	3	20	11	"	D	Clay 25;sandstone 53.
R.P.Con V	" 35	P.J.Dixon	"	Jun.20,1953	2	2 1/2	20	11	"	D	Clay 25;sandstone 58.
R.P.Con V	" 35	W.A.Cureman	Valley Drilling	Nov. 6,1954	5	6	2	2	"	D	Blue clay 14;grey sandstone 50.
R.P.Con VI	" 6	P.McClinton	P.P.Sparks	Nov.26,1953	4	3	20	18	"	S	Sand 6;blue clay 29;grey limestone 70

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY-cont.										
Nepean Twp. cont.										
R.P. Con VI lot 23	R. Hooney	B.E. Sparks	Jan. 14, 1954	5	8	85	45	Fresh	D	Clay 16; limestone 127.
R.P. Con VI " 27	R. Whalen	P.P. Sparks	May 14, 1954	4	1 1/2	35	25	"	D	Gravel 10; shale rock 20; limestone 95.
R.P. Con VI " 29	J. Monahan		Aug. 24, 1954	4	4	25	20	"	D, S	Shale rock 20; grey limestone 100.
North Gower Twp.										
B.P. lot 1	M.W. Beach	G.S. Mulligan	Jan. 23, 1953	4	1	23	21	Fresh	D	Clay 23; gravel 33; hard limestone 69.
B.P. " 1	W. Vaughan	"	Feb. 3, 1953	4	1	20	15	"	D	Clay 22; gravel 26; rock 68.
B.P. " 1	St. James	"	Mar. 4, 1953	4	2	23	19 1/2	"	D	Clay 22; gravel boulder 27; limestone 76.
	Anglican Church									
B.P. " 1	R.G. Laidlaw	B. Phillips	Feb. 20, 1954	5	6	15	15	"	D	Clay 30; limestone 83.
B.P. " 1	H. Cameron	M. Meagher	Nov. 10, 1954	4	4	40	26	"	D	Boulder clay 40; limestone 87.
B.P. " 1	J. Gibson	"	Dec. 1, 1954	4	4 1/2	30	24	"	D	Clay 6; hard loam 20; limestone 66.
B.P. " 1	L. McCullough	J. Kettles	Dec. 4, 1954	4	1	43	37	"	D	Earth 2 1/2; boulders hardpan 27; gravel 29; hardpan 55; grey limestone 90.
B.P. " 2	C. Cathcart	M. Meagher	Jul. 29, 1953	5	5	35	25	"	D	Boulder clay 30; limestone 75.
B.P. " 2	O. Crawford	"	Mar. 20, 1954	4	10	20	20	"	D	Top soil 10; clay 23; limestone 70.
B.P. " 2	Presb. Church	J. Kettles	Apr. 8, 1954	4	5	48	20	"	D	Stony ground 30; hard grey limestone 93.
B.P. " 2	"	"	Nov. 2, 1954	4	4	50	38	"	D	Hardpan boulders 51; hard black and white limestone 91.
B.P. " 3	G.O. Connor	B.E. Sparks	Oct. 20, 1954	6	5	5	4	"	D	Clay 37; gravel 39.
B.P. " 3	M. Hick	J.B. Dufresne	Nov. 22, 1954	3	7	35	28	"	D	Sand boulders 25; sand 44; grey limestone 97.
B.P. " 4	S. Herwick	G.S. Mulligan	Jan. 16, 1953	4	2	16	16	"	D	Clay 13; gravel hardheads 30; grey limestone 67.
B.P. " 4	T. Hayes	"	Apr. 8, 1953	4	1	19	16	"	D, S	Blue and red clay 32; hard black limestone 69.
B.P. " 5	W.E. Scott	R.H. Casselman	Jul. 4, 1953	5	13	35	35	"	D	Till large boulders 30; till 43; limestone 102.
B.P. " 8	B. Donohue	M. Meagher	Jun. 4, 1953	4	2 1/2	5	3	"	D	Blue clay 6; hardpan boulders 25; gravel 26.
Con I " 3	W. Canter	J.B. Dufresne	Sep. 4, 1953	3	8	25	20	"	D	Gravel sand boulders 70; gravel 71.
Con I " 5	H. Cameron	G.S. Mulligan	Feb. 24, 1953	4	2 1/2	9	9	"	D	Sand 16; boulders 23; gravel hardpan 31; limestone 86.
Con I " 22	G.H. Potter	J.B. Dufresne	Sep. 20, 1954	3	20	35	23	"	D	Boulders gravel 53.
Con I " 22	H. Fennell	"	Sep. 21, 1954	3	20	20	8	"	D	Sand 30; gravel 38; boulders gravel 41.
Con I " 22	D. Kyd	"	Sep. 22, 1954	3	20	35	24	"	D	Boulders sand 60; boulders gravel 62.
Con III " 14	L. Seabrooke	"	May 3, 1954	2	4	50	35	"	D	Gravel boulders 59; limestone 205.
Con III " 21	W.W. Powell	"	Dec. 6, 1953	2	25	10	4	"	D	Clay 25; limestone 43.
Con IV " 19	A. Wilson	I. Simzer & Sons	Jun. 11, 1954	5	8	16	14	"	D	Hardpan boulders 47; hard limestone 93.
Con IV " 21	Ont. Dep. Highw.	M. Meagher	Apr. 6, 1954	5	7		5	"	P	Boulder clay 29; clay 40; limestone 75.
Osgoode Twp.										
B.P. lot 23	M. Bryon	M. Meagher	Jun. 24, 1953	5	4	11	11	Fresh	D	Sand loam 4; hardpan 45; gravel 46.
B.P. " 23	W. Cowan	J.B. Dufresne	Jul. 17, 1954	5	10	25	10	"	D	Old well 40; limestone 81.
B.P. " 24	R. Graham	B. Phillips	Jun. 14, 1954	4	6	8	6	"	D	Sandy clay 50; gravel 51.
B.P. " 26	M. Bouris	R.H. Casselman	May 11, 1953	5	13	34	30	"	S	Boulder till 4; sand 10; clay 40; running sand 60; limestone 136.
Con I " 3	R.E. Dennison	G.S. Mulligan	May 5, 1953	4	1	32	14	"	D	Sand boulders clay 32; hard grey limestone 115.
Con I " 3	School S.S. #1	J.B. Dufresne	Jul. 14, 1954	3	5	30	15	"	P	Gravel boulders 44; limestone 103.
Con I " 8	A. Davidson	M. Meagher	Mar. 15, 1954	5	8		2	"	D	Boulders clay 30; gravel 40; limestone 88.
Con I " 11	M.I. Bushton	"	Jun. 8, 1953	4	2 1/2	9	4	"	D	Sandy loam 12; blue clay 50; hardpan 63; gravel 64; limestone shale 69.
Con I " 11	L.A. Pavell	"	Jun. 15, 1953	5	2 1/2	9	8	"	D	Blue clay 6; hardpan boulders 34; gravel 35; limestone shale 40.
Con I " 20	C. Potter	"	Jun. 20, 1953	5	2 1/2	15	4	"	D	Sand loam 6; hardpan 43; gravel 44; limestone 74.
Con I " 28	School SS #22	I. Simzer & Sons	Jan. 21, 1953	5	7 1/2	45	18	"	P	Hardpan boulders 50; hard limestone 200.
Con II " 32	E. Taylor	"	Dec. 29, 1953	5	2	65	18	"	D, S	Dug well 26; sand 46; hard rock 86.
Con II " 36	School SS # 6	"	Feb. 9, 1954	5	33	16	14	"	P	Sand 64; hard limestone 38.
Con III " 1	H.M. Tomkin	J.B. Dufresne	Dec. 2, 1953	3	8	30	25	"	D	Clay 15; gravel sand 39; limestone 95.
Con III " 8	Sep. School #2	"	Mar. 8, 1953	3	8	30	19	"	P	Boulders 18; limestone 82.
Con IV " 32	J.O. Patterson	T.H. Adams	Sep. 1, 1953	4	8	27	15	Sulphur	D	Clay gravel 54; loose limestone 74; solid limestone 114.

## CARLETON COUNTY-cont.

## Osgoode Twp.cont.

Con IV.	lot 32	M. McDiarmid	R.H. Casselman	Feb. 20, 1954	5	17	13	9	Fresh	D,S	Old well 28; hardpan 36; dark grey limestone 135; sandstone 150; soft light grey limestone 136.
Con V	" 1	S. Margovitch	F.A. McLean & Son	Feb. 2, 1954	5	8	21	20	"	C	Sand gravel boulders 45.
Con V	" 8	E. Stanley	W.C. Christy	Jun. 15, 1954	4	2	14	10	"	J	Gravel 30.
Con V	" 36	P. Moss	R.H. Casselman	Jan. 19, 1954	5	17	50	10	"	S	Topsoil 2; till 20; gravel 23; hard dark limest. 60; med. hard dark limest. 180.
Con VI	" 12	G. Morrow	J.B. Dufresne	Jul. 23, 1953	2	8	20	10	"	D	Boulders clay 9; limestone 43.
Con VI	" 17	G. Scrivens	Valley Drilling	Apr. 23, 1954	4	3	10	10	"	D	Blue limestone 45.
Con VI	" 25	C.A. Johnston	R.H. Casselman	Sep. 26, 1953	5	17	30	15	"	D,S	Old well 20; silt 22; hard grey limest. 40; soft light-grey limest. 155; hard dark-grey limestone 175.
Con VI	" 30	H. Glenn	I. Simzer & Son	Oct. 29, 1953	5	8	20	14	"	D	Hardpan 10; hard limestone 66.
Con VI	" 39	G. Acres	W.M.E. Sparks	May 13, 1953	5	5		Flows	"	D	Limestone 42½.
Con VI	" 39	A. Wyatt	I. Simzer & Sons	Oct. 9, 1953	5	7	18	16	"	D	Ground 1; hard limestone 86.
Con VI	" 39	C. Wilkes	"	Oct. 24, 1953	4	5	16	4	"	D	Hardpan 8; hard limestone 54.
Con VI	" 39	W. Duncan	W.C. Christy	Sep. 3, 1954	4	2½	19	12	"	D	Black loam 12; grey limestone 45.
Con VI	" 43	G. Acres	W.M.E. Sparks	May 20, 1953	5	5		6	slightly	D	Hardpan grey clay 46; limestone 56.
Con VI	" 43	B. Acres	B.E. Sparks	Dec. 3, 1953	5	7½	42	10	Sulphur	D,S	Clay 4; hardpan 49; limestone 155.
Con VII	" 11	T. Stanley	I. Simzer & Son	Sep. 23, 1954	5	33	15	10	Fresh	S	Hardpan 10; hard limestone 66.
Con VII	" 18	M. Jaacole	R.H. Casselman	Nov. 25, 1953	5	17	28	22	"	D	Old well 25; coarse gravel 28; hard light-grey limest. 13d.
Con VII	" 28	C. Wallace	"	Dec. 19, 1953	5	17	18	9	"	D,S	Topsoil 2; till 11; coarse gravel 37; hard light-grey limest. 50; soft light-grey limestone 92.
Con VII	" 39	E. Duncan	W.C. Christy	Aug. 20, 1954	4	2½	14	6	"	D	Grey limestone 44.
Con VII	" 39	H.M. Lee	"	Sep. 13, 1954	4	2½	17	10	"	D	Gravel boulders 38; grey limestone 43.
Con VII	" 42	S.M. Boyd	I. Simzer & Sons	Apr. 15, 1954	5	5	20	16	"	D	Gravel 54; rock 59.
Con VII	" 44	P. Crowder	R.H. Casselman	Aug. 2, 1953	5	17	15	2	"	C	Topsoil 3; gravel 7; till 29; gravel 30.
Con VIII	" 21	E. Stanley	I. Simzer & Sons	Feb. 11, 1953	5	8	20	16	"	J	Hardpan 5; hard limestone 48.
Con VIII	" 22	High School	R.H. Casselman	Aug. 17, 1953	6	17	18	8	"	P	Topsoil 1; till 5; sandstone 6.
Con IX	" 6	L. Dancy	T.H. Adams	Nov. 30, 1953	4	8	18	10	Salt	S	Blue clay 65; red shale 98.
Con IX	" 25	E.H. Poapet	A. Gauthier	Jun. 10, 1953	4	2	15	10	Fresh	D	Grey hardpan 30; gravel 32.
Con IX	" 26	G. Bowman	"	Jun. 20, 1953	4	3	30	25	"	C,D	Grey clay hardpan 50; gravel 55.
Con IX	" 30	G. McPherson	"	Nov. 23, 1954	4	3	22	13	"	D	Hardpan boulders 47; gravel 48.
Con X	" 25	L. Louisbreck	"	Jun. 30, 1953	4	5	18	10	"	D	Hardpan 30; gravel 33.
Con X	" 28	E. Wynn	I. Simzer & Sons	Nov. 6, 1953	5	5	20	16	"	D	Hardpan boulders 46; hard limestone 50.
Con X	" 28	G. Bowman	"	Nov. 23, 1954	6	7	40	9	"	D	Hardpan boulders 25; sand boulders 56; grey limestone 89.
Con X	" 30	W. Hill	A. Gauthier	Oct. 28, 1954	4	3	14	12	"	D	Hardpan 27; gravel 28.
Con XI	" 44	A. St. Pierre	R.H. Casselman	Sep. 21, 1954	5	15	28	20	"	D	Topsoil 1; hardpan 12; hard limestone 42.
L.I.	"	G.F. MacLean	M. Meagher	Jul. 8, 1953	5	4	12	10	"	D	Blue clay 12; hardpan 28; gravel 29½; limestone 86.
L.I.	"	K. Lindsay	"	Jun. 16, 1954	4			20	"	D	Boulder clay 32; gravel 36; limestone 78.
L.I.	"	H. Watson	"	Jun. 30, 1954	4			18	"	D	Boulder clay 30; gravel 34; limestone 70.
OTTAWA:											
Aaron Ave.		J.P. Chenier	K. Sparks	Mar. 20, 1953	5	3	15	14	Fresh	D	Sand fill 3; till 16; grey limestone 121.
Aaron Ave.		"	W.M.E. Sparks	Mar. 25, 1953	5	5	12	6	"	D	Loam 3; limestone 80.
Aaron Ave.		"	"	Apr. 16, 1953	5	5	20	10	"	D	Loam 3; limestone 117.
Aaron Ave.		"	"	May 8, 1953	5	5	25	12	"	D	Loam 6; limestone 123.
Aaron Ave.		"	"	May 22, 1953	5	5	35	8	"	D	Loam 4; limestone 131.
Aaron Ave.		"	"	May 30, 1953	5	5	30	17	"	D	Loam 3; limestone 116.
Aaron Ave.		"	"	Jun. 8, 1953	5	5	30	8	"	D	Loam 3; limestone 130.
Aaron Ave.		"	"	Jun. 23, 1953	5	5	35	10	"	D	Loam 4; limestone 130.
Achbar Ave.		"	"	Feb. 11, 1953	5	5	65	18	"	D	Loam 3; limestone 135.
Achbar Ave.		B.E. Sparks	"	Feb. 12, 1953	5	5	25	20	"	D	Fill 2; limestone 134.
Achbar Ave.		W.M.E. Sparks	"	Feb. 20, 1953	5	5	60	22	"	D	Loam 4; limestone 150.
Achbar Ave.		G.S. Mulligan	"	Jul. 9, 1953	4	1	20	4	"	D	Sand loose stone 15; hard grey rock 75.
Albion Rd.		Fed. Dist. Comm.	T.H. Adams	Oct. 7, 1953	4	15	6		"	P	Sandy clay small pebbles 10; clay gravel 34½; soft limest. rock 112.
Albion Rd.		P. Garceau	J.B. Dufresne	Nov. 6, 1954	3	6	20		Flows Sulphur	D	Clay 50; sand 83.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY-cont										
Ottawa: cont.										
Albion Rd.	C.P.R.	T.H.Adams	Nov.15,1954	4	8	6	3	Sulphur	P	Grey clay 4;blue clay 33;fine sand 44;black shale 105;grey shale 130; grey limestone 138.
Albion Rd.	J.Janota	J.B.Dufresne	Nov.16,1954	3			Flows	Fresh	D	Clay 80; limestone 83.
Alpine Ave.	E.O.Switzer	P.A.McLean & Son	Mar.14,1953	4 1/2	5	47	45	"	D	Sand 3;blue clay 38;hardpan 49;limestone 111.
Alpine Ave.	M.Bigland	"	Aug.14,1953	4	6	45	32	"	D	Clay 18; hardpan 42; limestone 110.
Alpine Ave.	E.O.Switzer	"	Jun.24,1954	4	10	48	40	"	D	Clay 25;sand gravel 30;soft grey limestone 104.
Alpine Ave.	"	"	Oct.22,1954	4	7 1/2	60	40	"	D	Clay 20;boulders 25;hardpan 32;blue limestone 105.
Ardmore Ave.	J.D.Gervin	B.E.Sparks	Nov. 9,1953	5	7	16	14	"	D	Clay 10;gravel 38; limestone 95.
Balharrie Ave.	C.M.Buchanan	T.H.Adams	Dec.20,1954	4	8	26	12	"	D	Dark sandy soil 4;blue clay 28;fine black sand 32;black shale 65;grey shale 107.
Bank St.	J.Balderson	S.H.Mulligan	Apr.16,1953	4	8		Flows	"	D	Brown clay 2;black sandy shale w/grey limestone layers 135.
Bank St.	P.Zepnig	J.B.Dufresne	Jan.15,1953	3			"	Sulphur	C	Clay 83; soft limestone 90.
Bank St.	M.Bonnice	"	Jan.20,1953	3	8	10	3	"	D	Clay 40; sandy clay 87.
Bank St.	A.LanctotConst	G.S.Mulligan	Feb.26,1953	4	3		15	"	C	Black clay 20; shale 153.
Bank St.	D.Lemoine	J.B.Dufresne	Sep.29,1953	3	6	20	4	"	D	Blue clay 60; sand 85; gravel 98.
Bank St.	"	"	Sep.27,1954	3	10		Flows	"	D	Clay 60; gravel 76.
Base Line Rd.	R.J.McGuire	P.A.McLean & Son	Feb. 4,1953	4	4 1/2	50	14	Fresh	D	Till 1;loose shale 5; solid rock 162.
Base Line Rd.	Baptist Church	G.S.Mulligan	Feb.13,1953	6	5	35	35	"	P	Sand gravel 10;grey limestone 225.
Base Line Rd.	L.D'Amour	S.H.Mulligan	Mar.18,1953	3	3	40	30	"	D	Grey loam 33;hard limestone 113;shaly limestone 129.
Base Line Rd.	W.Spirac	C.V.Morrison	Apr.15,1953	6	10	20	15	"	D	Clay 18; limestone 70.
Base Line Rd.	J.S.Bullis	G.S.Mulligan	Jun.16,1953	4	5	30	26	"	D	Sand boulders 38;white limestone 146.
Base Line Rd.	H.W.Myers	W.J.King	Apr.29,1954	5	5	32	32	"	D	Grey clay 4;red sand 32;hard limestone 102.
Base Line Rd.	B.Myers	M.Meagher	Oct.14,1954	4	5	35	32	"	D	Sand 24; limestone 122.
Base Line Rd.	"	"	Oct.21,1954	4	10		33	"	D	Topsoil 7;sand 34;limestone 117.
Bowesville Rd.	Nat.Res.Council	P.A.McLean & Son	Mar.24,1954	8	10	36	34	"	P	Dry sand 50;gravel 90;running sand 110;hardpan 133,limest.275.
Carling Ave.	J.P.Chenier	K.Sparks	Mar.10,1953	4 1/2	3	66	5	"	D	Hardpan 12; limestone 136.
Carling Ave.	"	W.M.E.Sparks	Mar.11,1953	5	5	15	3	"	D	Loam sand 20; limestone 112.
Carling Ave.	C.E.Brownell	P.A.McLean & Son	Apr.12,1953	4	6	15	7	"	D	Sandy loam boulders 7;shale 14;blue limestone 66.
Carling Ave.	QuesnelBowling	M.Meagher	Nov. 1,1954	4	3 1/2	12	12	"	C,D	Topsoil boulders 10; limestone 125.
Carson's Rd.	W.Andrews	T.H.Adams	Jun.15,1953	4	8	53	40	"	P	Limestone 117.
Carson's Rd.	J.McMullens	"	Jun.27,1953	4	8	75	8	"	D	Clay loam 6;blue clay 20;grey shale 75.
Cedarlane Terrace	Johansen&Sons	P.A.McLean & Son	Oct.26,1954	4	10	15	12	"	D	Back fill 4;black limestone 76.
Chenier Ave.	J.P.Chenier	W.M.E.Sparks	Jan. 2,1953	5	5	50	8	"	D	Clay loam 6; limestone 140.
Chenier Ave.	"	"	Jan.16,1953	5	5	15	10	"	D	Loam 8; limestone 119.
Chenier Ave.	"	B.E.Sparks	Jan.20,1953	5	5	30	20	"	D	Fill 6; limestone 135.
Chenier Ave.	"	"	Jan.31,1953	5	5	29	22	"	D	Fill 6; limestone 130.
Chenier Ave.	"	W.M.E.Sparks	Feb. 5,1953	5	5	25	19	"	D	Loam 6; limestone 128.
Chenier Ave.	"	B.E.Sparks	Mar. 3,1953	5	5	65	22	"	D	Clay loam 8; limestone 149.
Chenier Ave.	"	"	Mar.12,1953	5	4	25	12	"	D	Sand fill clay 10; limestone 130.
Chenier Ave.	"	"	Apr. 1,1953	5	3	22	14	"	D	Clay 16; limestone 131.
Chenier Ave.	"	"	Apr.13,1953	5	5	22	18	"	D	Fill 6; limestone 125.
Chenier Ave.	"	"	Apr.29,1953	5	5	70	28	"	D	Sand fill clay 6; limestone 183.
Chenier Ave.	"	W.M.E.Sparks	Sep.15,1953	5	5	60	30	"	D	Previously drilled 125; limestone 205.
Chenier Ave.	"	"	Oct.24,1953	5	5	80	45	"	D	Previously drilled 129; limestone 215.
Chenier Ave.	"	"	Nov.16,1953	5	5	80	25	"	D	Previously drilled 128; limestone 214.
Churchill Ave.	PattersonAlex-ander Ltd.	J.B.Dufresne	Apr.26,1954	2	7	25	6	"	D	Clay 20; limestone 68.
Clyde Ave.	Clark's Dairy	W.M.E.Sparks	Oct.26,1954	5	7	125	6	"	In	Loam 6; limestone 251.
Coldrey St.	G.Sheridan	B.Phillips	Aug. 5,1954	5	6	12	10	"	D	Clay 30; limestone 47.
Compton Ave.	A.Ullett	B.E.Sparks	Jul. 1,1953	5	5	65	30	"	D	Fill 4; limestone 100.
Compton Ave.	L.D'Amour	S.H.Mulligan	Mar. 2,1954	4		36	32	"	D	Clay 3;hard limest.68;soft limest.shale 87;soft limest.120; hard sandstone 139.

## CARLETON COUNTY-cont.

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Conn St.	C. Glazer	G.S. Mulligan	Jun. 26, 1953	4	1	18	15	Fresh	D	Sand loose stone 2; hard grey rock 40.
Connaught Ave.	E.O. Switzer	P.A. McLean & Son	Jan. 15, 1953	4	7	42	42	"	D	Sand 2; clay 47; blue limestone 117.
Connaught Ave.	J. Dennis	M. Meagher	Sep. 15, 1953	5	3		28	"	J	Clay 23; gravel 33; limestone 90.
Croft Ave.	R. Tomalty	T.H. Adams	Feb. 17, 1953	4	2	8	8	"	D	Earth 2; blue clay 40; rock 61.
Croft Ave.	L. Jenkins	J.B. Dufresne	Sep. 23, 1954	2	3	15	4	"	D	Clay 30; gravel boulders 40; limestone 60.
Dartnell Ave.	E. McGaffney	P.A. McLean & Son	May 16, 1953	4 1/2	6	10	5	"	D	Sand 10; limestone sandstone layers 102.
Denison Cres.	L.D. Amour	S.H. Mulligan	Jul. 28, 1954	4		14	10	"	D	Clay 3; limestone 39; limestone shale 72; limestone 125.
Denison Cres.	"	"	Aug. 10, 1954	4	5	15	11	"	D	Clay 3; hard limestone 39; soft limestone 68; soft limestone shale 88; sandstone 109; soft limestone shale 140.
Denison Cres.	"	"	Aug. 18, 1954	4		145	142	"	"	Clay 4; hard limestone 43; soft limestone shale 58; hard limestone 83; limestone shale 108; sandstone 113; limestone shale 145. Abandoned-insufficient supply.
Denison Cres.	"	"	Sep. 3, 1954	4	4	13	2	"	D	Clay 3; hard limestone 43; soft limestone shale 98; hard sandstone 105; soft limestone shale 145.
Denison Cres.	"	"	Sep. 14, 1954	4	5	18	13	"	D	Clay 10; hard limestone 69; soft limestone shale 82; hard limestone 105 limestone shale 160; hard limestone 165.
Denison Cres.	Prudhomme Const.	"	Sep. 15, 1954	4	2	10	10	"	D	Earth shale slabs 8; soft limestone 60; sandstone 140.
Denison Cres.	D'Amour Cres.	"	Oct. 6, 1954	4	2	10	10	"	D	Earth loose shale 8; soft limestone 60; sand 140.
Denison Cres.	"	"	Oct. 30, 1954	4	2	40	20	"	D	Drilled well 140; sandstone 200.
Denison Cres.	"	"	Dec. 15, 1954	4	1	40	20	"	D	Clay 20; soft limestone 50; sand 60.
Don St.	C. Glazer	G.S. Mulligan	Jul. 2, 1953	5	1	22	20	"	J	Sand loose stone 40; bedrock 65.
Don St.	H. McGee	P.P. Sparks	Sep. 25, 1954	4	4	15	12	"	D	Shale 20; grey limestone 75.
Duberry St.	L.D. Amour	S.H. Mulligan	Apr. 24, 1953	4	3	21	18	"	D	Clay loam 7; hard limestone 80; shale limestone 100; sandstone granite 119.
Dundas Ave.	E.O. Switzer	P.A. McLean & Son	Mar. 9, 1953	4	7 1/2	55	51	"	D	Sand fill 4; clay 35; clay sand 41; soft blue limestone 100.
Dunlevie Ave.	L. Sipolins	B.E. Sparks	Apr. 30, 1954	5	6	2	1	"	D	Earth 20; limestone 100.
Dunlevie Ave.	B. Iwanciw	"	Aug. 2, 1954	5	5	45	25	"	D	Clay 8; limestone 158.
Dunlevie Ave.	"	"	Oct. 17, 1954	5	5	55	3	"	D	Previously drilled 140; limestone 175.
Edgeworth Ave.	P.E. McLeod	"	Sep. 6, 1954	5	5	30	4	"	D	Hardpan 10; limestone 83.
Ernest Ave.	L.D. Amour	S.H. Mulligan	Oct. 11, 1954	3 1/2		9	7	"	J	Previously drilled 65; limestone 107; limestone shale 120.
Fairhaven Way	D.H. Hand	G.S. Mulligan	Mar. 9, 1953	6	4	60	35	"	D	Sand gravel 10; hard grey limestone 175.
Fairhaven Way	T.C. Wood	P.A. McLean & Son	Sep. 25, 1953	5	5	42	35	"	D	Sand clay boulders 15; hard blue limestone 45; hard brown limestone 96.
Fox Cres.	D.L. Peacock	S.H. Mulligan	Nov. 15, 1953	4	15	25	20	"	D	Previously drilled 50; sandstone 105.
Fox Cres.	R.S. Cross	P.A. McLean & Son	Dec. 29, 1954	5	10	38	23	"	D	Back fill 6; brown limestone 22; black shale 83.
Georgina Dr.	School	"	May 12, 1954	6	8	15	15	"	P	Sandy loam 6; limestone 200.
Glatt Ave.	Shouldice Const.	G.S. Mulligan	Mar. 14, 1953	4	7	50	40	"	D	Previously drilled 70; white limestone 165.
Glatt Ave.	W. Franklin	P.A. McLean & Son	Apr. 10, 1954	5	8	19	15	"	D	Clay stones 5; limestone 100.
Hare Ave.	C.S. Mitchell	"	Dec. 2, 1953	4	2	90	35	"	D	Old well 64; limestone 169.
Haughton St.	A. Carrier	B.E. Sparks	Aug. 14, 1954	5	3	30	6	"	D	Sand 10; limestone 81.
Heron Rd.	P.E. Pinteman	J.B. Dufresne	Nov. 30, 1953	3	3	30	23	"	D	Clay 60; gravel boulders 97; limestone 120.
Heron Rd.	C.J. Hero n	B.E. Sparks	Nov. 6, 1954	5	5	20	5	"	D	Clay stones 12; limestone shale 120.
Highfield Cres.	H. Dugais	M. Meagher	Jun. 1, 1953	5	5	50	50	"	D	Red sand 34; blue clay 50; limestone 155.
Highfield Cres.	E. Scheel	"	Jun. 2, 1953	5	5	50	50	"	D	Red sand 10; blue clay 45; limestone 160.
Highfield Cres.	H. Dugais	"	Jun. 8, 1953	5	5	55	55	"	D	Red sand 32; grey clay 50; limestone 155.
Highfield Cres.	"	"	Jun. 19, 1953	4	5		42	"	D	Red sand 35; clay 40; limestone 140.
Highfield Cres.	"	"	Jul. 13, 1953	4	5		44	"	D	Red sand 36; clay 42; limestone 146.
Highfield Cres.	R.E. Latimer	"	Aug. 26, 1953	5	6		50	"	D	Sand 30; clay 45; gravel 48; limestone 148.
Highfield Cres.	O. Iverson	"	Oct. 1, 1953	5	5		60	"	D	Sand 30; clay 48; gravel 52; limestone 150.
Highfield Cres.	H. Dugais	"	Oct. 14, 1953	5			60	"	D	Sand 32; clay 48; gravel 50; limestone 150.
Highfield Cres.	Dugais/Leroux	"	Oct. 23, 1953	5	10		45	"	D	Brown sand 55; grey clay 60; blue limestone shale layers 145.
Highfield Cres.	"	"	Nov. 3, 1953	5	10		43	"	D	Brown sand 38; blue clay 55; grey limestone black shale layers 147.
Highfield Cres.	"	"	Nov. 4, 1953	5	5		50	"	D	Red sand 30; clay 45; gravel 50; limestone 140.
Highfield Cres.	"	"	Nov. 13, 1953	5	5		53	"	D	Red sand 32; clay 47; gravel 54; limestone 154.
Highfield Cres.	"	"	Dec. 2, 1953	5	5		62	"	D	Red sand 32; clay 45; gravel 52; limestone 152.
Highfield Cres.	R. Dennis	"	Jan. 13, 1954	4	10	35	35	"	D	Topsoil 3; brown sand 22; blue clay 50; grey limestone 140.
Highfield Cres.	Dugais/Leroux	"	Jan. 29, 1954	4	10	35	35	"	D	Topsoil 3; brown sand 20; blue clay 50; grey limestone 140.
Hog's Back Rd.	Ed. Dist. Comm.	Valley Drilling	Jun. 7, 1954	4	8	12	12	"	P	Clay 10; shale 51.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY-cont										
Ottawa Cont.										
Howe St.	M. Fisher	M. Meagher	May 22, 1953	4	2½	5	3	Fresh		Earth 1; black shale 18; sandstone 46.
Ivanhoe Ave.	W. Sweeney	F.A. McLean & Son	Aug. 4, 1953	4	6	47	45	"		Clay 38; sandstone 11; limestone 110.
Jameson St.	E.V. Ryan	J.B. Dufresne	Oct. 4, 1954	2	3	30	7	"		Limestone 72.
Kehoe St.	H.A. Parker	F.A. McLean & Son	Sep. 23, 1953	4	7	4	4	"		Clay stones 3; sand 5; black shale 10; limestone 25; sandstone 57.
Kerr Ave.	R. Dennis	M. Meagher	Sep. 29, 1954	4	3	20	15	"		Clay loam 13; gravel 22; limestone 195.
Kerr Ave.	"	"	Nov. 16, 1954	4	10	12	12	"		Topsoil 4; clay 23; sand 25; limestone 105.
Killeen Ave.	B. Iwanciw	G.S. Mulligan	Jan. 23, 1953	6	5	15	15	"		Sand gravel 10; white limestone 175.
Killeen Ave.	G. Thompson	B. Phillips	Nov. 6, 1953	5	7½	22	17	"		Previously drilled 53; limestone 157.
Killeen Ave.	J. Mobley	W. Moloughney	Jun. 2, 1954	5	6	25	12	"		Clay 6; limestone 137.
Killeen Ave.	B. Iwanciw	"	Jun. 21, 1954	5	6	22	10	"		Clay 6; limestone 140.
Kingston Ave.	A.P. Perrin	B. Phillips	Jul. 16, 1953	5	6	37	25	"		Clay 15; limestone 141.
Kingston Ave.	C.H. Morgan	B.E. Sparks	Sep. 25, 1954	5	5	65	25	"		Clay sandy loam 14; limestone 145.
Kitchener Ave.	J. Campbell	B. Phillips	Sep. 23, 1954	5	5	120	35	Sulphur		Clay sand 22; brown limestone 305. Gas encountered.
Langs Rd.	J. Lubbes	J.B. Dufresne	Nov. 18, 1954	2	10	25	6	Fresh		Sand 17; limestone 53.
Laperriere Ave.	Patterson/Alex- ander Const.	"	Nov. 24, 1954	2	7	25	10	"		Clay 17; limestone 60.
Lawn Ave.	J. Walsh	G.S. Mulligan	Aug. 20, 1953	4	1	20	15	"		Sand loose stones 15; hard grey rock 105.
Lenester Ave.	J.P. Chenier	W.M.E. Sparks	Apr. 23, 1953	5	5	25	10	"		Loam rocks 3; limestone 112.
Lenester Ave.	"	B.E. Sparks	May 22, 1953	5	5	65	20	"		Sand fill 5; limestone 141.
Lenester Ave.	W. Franklin	F.A. McLean & Son	Jun. 16, 1953	4	7½	33	28	"		Hard brownish-grey limestone 85; brown slate 98.
Lenester Ave.	J. Mobby	B.E. Sparks	Aug. 10, 1954	5	5	50	40	"		Clay 4; limestone 50; iron-bearing rock 52; limestone 125.
Lenester Ave.	L. Sipolins	W.M.E. Sparks	Sep. 11, 1954	5	5	25	15	"		Loam 2; limestone 123.
Maplecrest Ave.	W. Chain	B. Phillips	May 1, 1954	5	6	16	12	"		Clay 10; limestone 102.
Maplecrest Ave.	J.P. Chenier	B.E. Sparks	May 10, 1954	4	5	35	30	"		Earth 3; limestone 138.
Marilyn Ave.	Greenburg Const.	F.A. McLean & Son	Nov. 7, 1953	4	7	27	22	"		Sand boulders 25; sand gravel 33; blue limestone 60.
Marilyn Ave.	"	"	Nov. 14, 1953	4	6	32	24	"		Sand 38; blue limestone 70.
Marilyn Ave.	"	"	Nov. 18, 1953	4	7	40	30	"		Sand boulders 42; blue limestone 65; blue shale limestone 75.
Marilyn Ave.	"	"	Nov. 23, 1953	4	7	36	25	"		Fill sand 34; sand gravel 40; blue limestone 103.
Marilyn Ave.	"	"	Nov. 26, 1953	4	7	40	30	"		Sand 30; sand boulders 35; blue limestone 79½.
Marilyn Ave.	"	"	Dec. 11, 1953	4	7	24	20	"		Sand 20; sand boulders 28; sand gravel 31; blue limestone 84.
Marilyn Ave.	"	"	Dec. 15, 1953	4	7	23	21	"		Sand boulders 30; sand gravel 33; blue limestone 48½.
Marilyn Ave.	T.H.C. Lowe	"	Mar. 12, 1954	5	7	49	23	"	In	Sandy loam few large boulders 30; sand gravel 35; grey limestone 80; black shale 135.
McCarthy Rd.	E.N. Lafrance	"	Jun. 9, 1954	4	5	60	20	"		Sand clay w/small stones 6; grey limestone 50; black shale 100; grey limestone 143.
McCarthy Rd.	G. Ward	Valley Drilling	Dec. 2, 1954	5	5	20	20	"		Blue limestone 115.
McEwan Ave.	M. Dodds	B.E. Sparks	Aug. 18, 1954	5	5	30	8	"		Clay loam 12; limestone 60.
Meath St.	Sun Oil Co. Ltd.	B. Phillips	Feb. 20, 1954	6	10	15	15	"	In	Clay 27; boulders sand 32; limestone 100.
Melfa Cres.	M. Hardy	J.B. Dufresne	Feb. 15, 1954	3	3	30	27	"		Clay sand 80; grey limestone 137.
Melfa Cres.	"	"	Nov. 26, 1954	3	8	40	28	"		Clay 45; sand 55; gravel boulders 92; grey limestone 134.
Melwood Ave.	W. Cain	B. Phillips	Jun. 10, 1954	5	6	20	18	"		Clay 10; limestone 104.
Merivale Rd.	H. McNaughton	"	Jul. 30, 1953	4	5	95	35	"		Clay 6; limestone 205.
Merivale Rd.	Dominion Experiment. Farm	S.H. Mulligan	Dec. 17, 1954	6	4	28	21	"	S	Limestone 118; limestone w/shale 182; sandstone w/shale 200.
Minaki Ave.	M. Hardy	J.B. Dufresne	Jun. 9, 1953	3	2	25	20	"		Blue clay 40; boulder gravel sand 85; limestone 130.
Michael St.	L. Laroque	T.H. Adams	May 12, 1953	4	2	4	4	"		Black muck 4; clay 9; rock 25.
Michael St.	D. Paquette	"	Oct. 31, 1953	4	2	25	21	Sulphur		Grey clay small pebbles 10; soft shale rock 21; bed rock 100.
Mill St.	Peoples Gas Supp.	B. Phillips	Nov. 13, 1953	6	13	60	40	Fresh	In	Clay 4; limestone 140.
Mill St.	"	"	Jan. 15, 1954	6	8	85	42	"	In	Previously drilled 140; limestone 347; dark flintlike limestone with white streaks 365; limestone 452.
Mooney Ave.	W.E. Mooney	F.A. McLean & Son	Feb. 9, 1953	5	10	27½	25½	"		Soft blue limestone 65; shale 93.
Mooney Ave.	P.J. Dunn	"	May 29, 1954	5	8	30	24	"		Sandy loam 2; limestone 182.



## CARLETON COUNTY-cont.

## Ottawa.cont.

Mooney Ave.	W.Cain	B.Phillips	Aug. 9, 1954	5	6	35	30	Fresh	J	Clay 6; limestone 106.
Mooney Ave.	"	"	Sep. 23, 1954	5	6	22	17	"	J	Clay 8; limestone 139.
Moore St.	J.L.Ray	W.J.King	Jul. 10, 1954	4	5	14	14	"	J	Top soil 2; soft limestone 72.
Mountain View Ave.	J.W.Dockrille	S.H.Mulligan	Mar. 10, 1953	4		10	10	"	D	Soft limestone 50; shale 115.
Mountain View Ave.	"	"	Mar. 20, 1953	4		10	10	"	D	Soft limestone 50; shale 115.
Mountain View Ave.	"	"	Jun. 8, 1953	4	4	24	20	"	D	Hard limestone 70; sandy limestone 90; granite mixed w/limest. 123.
Mountain View Ave.	"	"	Jun. 16, 1953	4	4	15	12	"	D	Grey clay 4; shaly limest. in layers 135.
Mountain View Ave.	"	"	Jul. 5, 1953	4	5	10	6	"	J	Earth boulders 6; soft limest. 70; sand 85; sandstone 140.
Mountain View Ave.	"	"	Oct. 20, 1953	4	10	22	19	"	D	Well deepened Aug. 1, 1953; no change in static level.
Mountain View Ave.	"	"	Oct. 28, 1953	4	15	22	19	"	D	Earth 10; limest. 40; stone shale 70; limest. 80; sandst. shale 120.
Mountain View Ave.	"	"	Nov. 10, 1953	4	15	25	20	"	D	Earth 8; limestone 30; sandstone shale 120.
Mountain View Ave.	"	"	Dec. 5, 1953	4	15	25	20	"	D	Earth 8; limestone 50; sandstone 115.
Orvigale Rd.	B.G.Fox	G.S.Mulligan	Jul. 27, 1953	4	1	20	7	"	D	Earth 4; limestone 50; sandstone 115.
Otterson Dr.	J.Greenburg	M.Meagher	Mar. 21, 1953	4	15	14	13	"	D	Sand loose stone 10; fine grey sand w/little clay 20; hard grey limestone 113.
Otterson Dr.	"	"	Apr. 6, 1953	4	15		10	"	D	Red sand 20; blue clay hardpan 39; hard blue limest. 60.
Otterson Dr.	"	Valley Drilling	May 8, 1953	4	4	20	15	"	J	Sand blue clay hardpan 29; hard limest. 31. Abandoned.
Otterson Dr.	"	"	May 16, 1953	4	4	15	10	"	D	Brown loam 20; grey running sand 40.
Otterson Dr.	"	"	Jun. 1, 1953	4	4	35	30	"	D	Brown loam 15; grey running sand 25; gravel 41.
Otterson Dr.	G.Otterson	"	Jun. 11, 1953	4	4	20	18	"	D	Brown loam 20; grey sand gravel 40.
Otterson Dr.	J.Greenburg	"	Jul. 7, 1953	4	4	25	15	"	D	Brown loam 20; grey sand gravel 40; grey limestone 93.
Otterson Dr.	"	"	Jul. 16, 1953	4	4	20	20	"	D	Brown loam 15; grey running sand 40; blue limest. 91.
Otterson Dr.	"	"	Jul. 27, 1953	4	4	20	15	"	D	Brown loam 20; hardpan running sand 40; blue limest. 100.
Otterson Dr.	"	"	Aug. 1, 1953	5	4	10	8	"	D	Brown loam 20; gravel running sand 40; blue limest. 99.
Otterson Dr.	"	"	Aug. 10, 1953	4	4	20	15	"	D	Brown loam 20; gravel running sand 40; gravel 43.
Otterson Dr.	"	"	Aug. 14, 1953	4	4	20	15	"	J	Brown loam 10; blue clay 35; sand gravel 40; blue limest. 125.
Otterson Dr.	"	"	Oct. 8, 1953	4	6	27	20	"	D	Brown loam 10; blue clay 35; sand gravel 40; blue limest. 120.
Otterson Dr.	"	P.A.McLean & Son	Oct. 13, 1953	4	8	30	20	"	D	Sand w/few small stones 28; blue limestone 114.
Otterson Dr.	"	"	Oct. 16, 1953	4	10	28	17	"	D	Sandy backfill 5; sandy clay boulders 25; gravel fine sand 28; black limestone 80.
Otterson Dr.	"	"	Oct. 22, 1953	4	6 <sup>+</sup>	35	18	"	D	Sand backfill 6; black sandy clay 25; gravel sand 35; clay fine sand 38; blue limestone 100.
Otterson Dr.	"	"	Oct. 27, 1953	4	8	30	18	"	D	Sand boulders 26; sand gravel 42; blue limest. shale 120.
Otterson Dr.	"	"	Nov. 5, 1953	4	5	90	25	"	D	Sand boulders 28; blue limestone 71.
Otterson Dr.	H.P.Terwie	"	Dec. 29, 1953	4	7	38	20	"	D	Sand boulders 30; sand gravel 42; limest. shale 165.
Otterson Dr.	J.Laing	"	Jan. 5, 1954	4	7	21	15	"	J	Sand fill 9; black muck sand boulders 27; gravel 35; limest. 73.
Otterson Dr.	"	"	May 21, 1954	4	10	18	15	"	D	Fill 6; clay sand 17; hardpan gravel 26; blue limest. 72.
Oval Cres.	W.Cain	B.Phillips	Oct. 13, 1954	5	6	22	17	"	D	Back fill 6; sand clay 22; gravel sand 27; bluish-black limest. 73.
Penny Dr.	S.Lawson	S.H.Mulligan	Jan. 4, 1953	5		6	6	"	D	Clay 68; sand boulders 75; gravel 85; limestone 133.
Penny Dr.	S.Pajak	M.Meagher	May 25, 1953	4	10	18	18	"	D	Limestone 100.
Penny Dr.	B.Meyers	"	Sep. 9, 1953	5	7		29	"	D	Brown clay 25; sandstone 70; layers of shale limest. 91.
Pincrest Rd.	S.A.Arkell	P.A.McLean & Son	Nov. 15, 1953	4	6	48	38	"	D	Clay 24; gravel 28; limestone 90.
Pincrest Rd.	O.Vien	M.Meagher	Oct. 14, 1954	4	4	30	25	"	D	Brown sand 15; hardpan 29; limest. 105; black shale sandst. 115.
Poulin Ave.	C.Glazen	G.S.Mulligan	Apr. 2, 1953	4	1	18	5	"	D	Sand 28; limestone 135.
Prescott Hwy.	J.Boucher	"	May 6, 1953	4	1	27	25	"	D	Sand loose stone 6; hard grey rock 68.
Prescott Hwy.	Mulligan Floris	P.A.McLean & Son	Dec. 17, 1953	5	7	18	12	"	D	Red clay 70; black shale bedrock 129.
Prescott Hwy.	R.McKilban	"	Mar. 28, 1954	5	10	30	17	"	In	Clay 15; boulder till 60; hardpan 69; limestone 94.
Prescott Hwy.	Can. Petrofina	B.Phillips	Oct. 1, 1954	6	5	70	40	"	D	Brown sand 5; blue clay 30; blue clay boulders 35.
Priscilla St.	C.Glazen	G.S.Mulligan	Mar. 26, 1953	4	1	7	4	"	C	Sand 85; boulders 95; hardpan 114; limestone 185.
Priscilla St.	"	"	Mar. 27, 1953	4	1 <sup>+</sup>	13	12	"	D	Sand loose stone 10; bedrock 67.
Priscilla St.	R.S.Achbar	J.Kettles	Sep. 29, 1954	4	1	42	20	"	D	Shaly rock 13; limestone 75.
Revelstoke Dr.	B.Dixon	P.A.McLean & Son	Jul. 12, 1953	4	10	41	17	"	D	Shaly rock earth 3; soft blue limestone 101.
Revelstoke Dr.	W.L.Gillespie	"	Jul. 20, 1953	6			19	"	D	Back fill 7; blue limest. 85; black slate 130; blue limest. 173.
Revelstoke Dr.	M.Sharp	"	Jan. 15, 1954	4	8	22	15	"	D	Back fill 7; clay boulders 12; blue limest. 90; soft black limestone 115 <sup>+</sup> .
Revelstoke Dr.	"	"	"	"	"	"	"	"	D	Sand clay gravel boulders 10; blue limest. shale 105.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY-cont										
Ottawa-cont.										
Revelstoke Dr.	G.Cashman Ltd.	F.A.McLean & Son	Jan.26,1954	4	6	70	13 1/2	Fresh	D	Sand gravel 7;limest.165;black slate 190;sandst.195.
Revelstoke Dr.	Pandia Constr.	J.Kettles	Aug. 4,1954	4	1	8	8	"	D	Sand coarse gravelly ground 25;soft shaly rock 25;hard grey limestone 109.
Revelstoke Dr.	J.Laing	F.A.McLean & Son	Oct. 8,1954	5	8	9	5	"	D	Clay stones 12; limestone 81.
Revelstoke Dr.	B.Malluff	"	Oct.30,1954	4	7	60	5	"	D	Sand 4;limest.165;beach shale 180.sandstone 136.
Revelstoke Dr.	R.Carwardine	"	Nov. 6,1954	5	8	7	6	"	D	Clay stones 14; limestone 80.
Revelstoke Dr.	C.Lafrance	"	Nov.10,1954	5	8	8	6	"	D	Sand clay stone 9; limestone 81.
Revelstoke Dr.	S.J.S.Const.	"	Nov.14,1954	5	8	13	9	"	D	Sandstone 9; limestone 80.
Revelstoke Dr.	A.Fripp	G.H.Law	Dec.17,1954	5	8	7	5	"	D	Clay stone 7;shaly grey limestone 56.
Rex Ave.	E.Breenetts	S.H.Mulligan	Apr.14,1954	4	8	8	4	"	D	Clay 3;hard limest.29;soft limest.shale 35;hard limest.93; soft limestone 105.
Rex Ave.	L.D'Amour	"	Jun. 1,1954	4		12	9	"	D	Clay 8;limest.52;limest.shale 79;hard limest.89; soft limestone shale 190.
Rex Ave.	J.R.Statham	"	Jul.13,1954	4	5	19	9	"	D	Clay 5;limest.42;limest.shale 70;limest.97;limest.shale 192.
Rex Ave.	"	"	Jul.20,1954	4	5	14	8	"	D	Clay 5;limest.42;limest.shale 73;limest.102;limest.shale 112.
Rex Ave.	W.Hawkins	"	Aug.23,1954	4	1	31	5	"	D	Previously drilled 105;limestone shale 155.
Rex Ave.	L.D'Amour	S.H.Mulligan	Sep.29,1954	4	5	15	10	"	D	Clay 16;hard limest.68;soft limest.shale 85;hard limest.107; soft limestone shale 165.
Rex Ave.	"	"	Oct. 7,1954	4	4	14	9	"	D	Clay 4;hard limest.43;soft limest.shale 67;hard limest.93; soft limestone shale 141.
Richardson Ave.	E.H.Petry	"	Mar. 8,1954	4	10	17	15	"	D	Earth stone 15;soft limestone 65.
Richardson Ave.	"	F.A.McLean & Son	Oct.15,1954	4	10	35	17	"	D	Clay loam boulders 10;shale 17;blue limestone 68.
Richmond Rd.	S.Pajak	M.Meagher	Jun. 4,1953	4	10	20	20	"	D	Brown clay 25;sandst.70;shale limestone 94.
Richmond Rd.	H.Dugais	"	Jul.29,1953	5	5	60	60	"	D	Sand 40;clay 48;gravel 49;limestone 150.
Richmond Rd.	M.J.Webster	"	Sep.19,1953	5	5	60	60	"	D	Sand 34;clay 48;gravel 54;limestone 152.
Richmond Rd.	A.Dixie	B.Phillips	Oct. 1,1953	4	7	45	35	"	D	Overburden 8;limestone 107.
Richmond Rd.	D.Morrow	"	Sep.13,1954	5	3	100	50	"	D	Sand 3;clay 31;limestone 160.
Richmond Rd.	Can.Petrofina	"	Oct. 6,1954	6	6	45	35	"	C	Clay 6; limestone 167.
Riddell St.	Mulligan Bros.	W.J.King	May 12,1954	4	5		11	"	D	Clay 4; soft limestone 101 1/2.
Riddell St.	"	"	May 22,1954	4	5		10 1/2	"	D	Clay 4; soft limestone 101 1/2.
Riddell St.	A.Ritchie	F.A.McLean & Son	Sep. 3,1954	5	10	27	19	"	D	Clay 6; blue limestone 93.
Riddell St.	L.Mulligan	M.Meagher	Sep.24,1954	4	4	10	6	"	D	Clay loam 6; limestone 100.
Riddell St.	"	"	Oct.26,1954	4	5	35	20	"	D	Clay loam 7; limestone 105.
Ritchie St.	A.Lithwick	B.E.Sparks	Oct.15,1954	5	5	55	20	"	D	Sand 39; limestone 80.
Riverside Dr.	Fed.Dist.Comm.	T.H.Adams	Feb.23,1953	5	8	25	10	Sulphur	D	Previously drilled 56;grey shale 165.
Riverside Dr.	D.Crawford	F.A.McLean & Son	Jun.19,1953	4	10	16	8	"	D	Sandy clay boulders 15;black limestone 76.
Riverside Dr.	K.Dowler	J.B.Dufresne	Nov.14,1953	2	5	30	20	Fresh	D	Sand 10; limestone 185.
Riverside Dr.	G.Otterson	P.A.McLean & Son	Jan.22,1954	4	7	22	21	"	D	Sandy loam 6;sand boulders 23;fine sand gravel 28;grey limest.78.
Riverside Dr.	G.Otterson	"	Jan.22,1954	4	7	22	21	"	D	Sand boulders 27; blue limestone 87.
Riverside Dr.	R.Baillie	S.H.Mulligan	Feb.15,1954	4	15	15	12	"	D	Earth 10; hard limestone 109.
Rob Roy Ave.	G.Grossman	F.A.McLean & Son	Jul.21,1954	4	8	56	56	"	D	Clay 30;sand gravel 34;blue limest.106.
Rob Roy Ave.	R.Grant	"	Oct. 6,1954	4	10	27	26	"	D	Clay 35;sand 38;blue limestone 107.
Rob Roy Ave.	M.Kosub	"	Oct.29,1954	4	10	51	48	"	D	Sandy clay 38; blue limestone 91.
Rob Roy Ave.	L.Mulligan	M.Meagher	Dec. 6,1954	4	10	30	30	"	D	Sand 40; limestone 120.
Rockcliffe Rd.	P.P.Gasse	J.B.Dufresne	Oct.18,1953	2	4	80	60	"	D	Limestone 112.
Roseview Ave.	L.H.Edsell	G.S.Mulligan	Jul.16,1953	4	1	19	19	"	D	Sand loose stone 7; hard grey rock 68.
Roseview Ave.	Ottawa Valley Bldrs."	"	Oct.15,1953	6	5	27	21	"	D	Loam sand 24; limestone 110.
Roseview Ave.	"	"	Dec.14,1954	5	5	30	20	"	D	Clay sand 29; limestone 109.
Roy Ave.	M.E.Cameron	G.S.Mulligan	Jul.27,1953	4	1	15	10	"	D	Sand loose stone 10; soft rock 60.
Roy Ave.	P.Dulude	"	Aug. 1,1953	4	1	14	10	"	D	Sand loose stone 20; soft rock 65.

## CARLETON CO. NTY-cont.

Ottawa-cont.

Russel Rd.	P. Brunke	G.S. Mulligan	Jun. 20, 1953	4	1	19	19	Fresh	D	Sand loose stone 5; black rock 76.
Russel Rd.	J. Cleroux	T.H. Adams	Mar. 1, 1954	4	8	28	14	"	D	Sandy loam 2; red sand 9; blue clay 23; stony clay 30; fine grey sand 35; grey shale 73.
Russel Rd.	B. Dempsey	"	Dec. 4, 1954	4	8	25	11	"	D	Black soil 4; blue clay 25; fine grey sand little clay 32; black shale 65; grey shale 115.
St. Laurent Blvd.	N. Walker	"	Jan. 29, 1954	4	8	32	15	"	D	Sandy loam 3; blue clay 20; clay gravel 28; fine black sand 32; grey shale 115.
Stinson Ave.	G. Croffoot	W.M.E. Sparks	Sep. 27, 1954	4	5	20	5	"	D, C	Clay 11; sandstone rock 60.
Tavistock Rd.	R. Newcombe	P.A. McLean & Son	Oct. 12, 1954	4	10	16	15	"	D	Clay 20; sand 24; gravel 26; sand 35; blue limestone 37.
Trenblay Rd.	B. Whillens	T.H. Adams	Feb. 10, 1953	4	8	25	9	"	D	Old well 104; limestone 180.
Trenton Ave.	W.J. Bellman	S.H. Mulligan	May 23, 1953	4	6	6	6	"	D	Soft limestone 50; hard black sandstone 64.
Ullett Ave.	A.C. Eckford	P.A. McLean & Son	Jan. 30, 1954	4	6	13	11	"	D	Sand 5; clay boulders 13; limestone 75.
Ullett Ave.	H. Abramson	"	May 28, 1954	4	10	10	10	"	D	Sand 9; grey limestone 55; fine black limestone 65; grey and green limestone 87.
Ullett Ave.	A.A. Viner	B. Phillips	May 28, 1954	5	10	12	6	"	D	Clay 8; limestone 77.
Villa Cres.	W. Cain & Son	"	Nov. 16, 1954	5	3	70	40	"	D	Sand 24; boulders 30; sandy clay 40; boulders 43; sandy clay 49; boulders 51; gravel 56; clay 75; limestone 134.
Villa Cres.	L.J. Westbrook	W.M.E. Sparks	Nov. 27, 1954	5	5	25	8	"	D	Clay boulders 70; limestone 85.
Villa Cres.	W. Cain	B. Phillips	Dec. 13, 1954	4	6	25	25	"	D	Clay 30; sand boulders 62; fine sand 65; limestone 125.
Walkley Rd.	H. Leed	G.S. Mulligan	Jun. 6, 1953	4	4	22	20	Sulphur	D	Black clay 20; black slate 116.
Walkley Rd.	E. Redmond	J.B. Dufresne	Dec. 8, 1953	2	5	40	27	Fresh	D	Clay 20; limestone 255.
Walkley Rd.	E.M. Lafrance	P.A. McLean & Son	Jun. 3, 1954	4	10	15	12	"	D	Sand small stones 8; blue and black limestone 60; brownish slate limestone 99.
Walsh Ave.	J. Walsh	G.S. Mulligan	Jun. 9, 1953	6	4	30	30	"	"	Sand gravel 3; white limestone 60.
Wayne Ave.	R. Dennis	M. Meagher	Jul. 22, 1953	5	10	12	12	"	D	Clay 10; gravel 40; limestone 45.
Wayne Ave.	A.C. Bowes	P.A. McLean & Son	Jul. 23, 1953	5	17	20	15	"	D	Sand fill 10; black muck 15; sandy clay boulders 30; fine sand 31; grey limestone 70.
Wayne Ave.	P.G. Hodgkins	J.R. Kettles	Sep. 12, 1953	4	1	68	14	"	D	Red sand 12; gravelly granite boulders 17; grey sand silt 35; grey limestone 70.
Wayne Ave.	G. Scheppelmann	P.A. McLean & Son	Dec. 15, 1953	4	7	40	15	"	D	Sand clay fill 9; black muck sand 24; gravel fine sand 34; blue limestone 74.
Winnington Ave.	J. Balderson	S.H. Mulligan	Apr. 10, 1953	4	5	6	6	"	D	Brown clay 4; blue limestone 96.
Winnington Ave.	G. Nasbitt	Valley Drilling	Apr. 10, 1953	4	7	11	6	"	D	Blue clay 6; white limestone 80.
Winnington Ave.	J. Balderson	S.H. Mulligan	Apr. 11, 1953	4	4	22	18	"	D	Clay loam 8; hard limestone 20; shale 70; white limestone 100.
Winnington Ave.	"	"	Apr. 16, 1953	4	4	20	16	"	D	Clay loam 8; hard white limestone 20; shaly limestone 70; white limestone 105.
Winnington Ave.	G. Nasbitt	Valley Drilling	Apr. 29, 1953	4	5	15	6	"	D	Blue clay 5; white limestone 93.
Winnington Ave.	P.D. Rankin	S.H. Mulligan	Jul. 27, 1953	4	5	25	20	"	D	Earth boulders 4; soft limestone some sand 80; coarse sand 115.
Winnington Ave.	L.D. Amour	"	Dec. 22, 1953	4	15	10	10	"	D	Clay 4; hard limestone 35; soft limestone 92; stone 105; soft sandstone 192.
Winnington Ave.	P. Foley	"	Jul. 5, 1954	4	4	13	2	"	D	Clay 5; limestone 86; shale 98; limestone 131.
Withrow Ave.	R. Dennis	M. Meagher	Mar. 5, 1954	4	10	30	30	"	D	Topsoil 3; limestone 140.
Woodland Ave.	G. LaHay	S.H. Mulligan	Mar. 24, 1953	4	10	20	20	"	D	Grey clay 10; hard limestone 60; shaly limestone 70; white limestone 95.
Woodland Ave.	T. Predemore	P.A. McLean & Son	Jun. 11, 1953	4	10	18	18	"	D	Sandy clay boulders 12; soft brown limestone 20; black limestone 92.
Woodland Ave.	E.H. Petry	"	Sep. 8, 1953	4	5	42	42	"	D	Hardpan 26; limestone 74.
Woodroffe Ave.	D. Ryan	K. Sparks	Jan. 25, 1953	4	3	20	16	"	D	Blue clay 20; limestone 108.
Woodroffe Ave.	N. Clost	S.H. Mulligan	Mar. 25, 1953	4	3	4	4	"	D	Grey clay loam 18; shaly limestone 30; hard limestone 56.
Woodroffe Ave.	J. Balderson	"	Apr. 7, 1953	4	4	30	23	"	D	Black clay loam 7; hard limestone 25; shaly limestone 67; white limestone 110.
Woodroffe Ave.	W. Penticoast	G.S. Mulligan	Apr. 18, 1953	4	3	28	20	"	D	Clay 20; white limestone 103.
Woodroffe Ave.	S. Patterson	"	Apr. 20, 1953	4	1	13	13	"	D	Sand loose stone 7; hard grey rock 70.
Woodroffe Ave.	J. Statham	"	Apr. 24, 1953	4	4	21	18	"	D	Clay 20; white limestone 104.
Woodroffe Ave.	"	"	Apr. 24, 1953	4	1	13	13	"	D	Sand loose stone 6; hard grey rock 68.
Woodroffe Ave.	A. Payette	P.A. McLean & Son	May 11, 1953	4	4	28	18	"	D	Boulder clay 20; limestone 103.
Woodroffe Ave.	D. Ryan	S.H. Mulligan	May 18, 1953	4	4	28	21	"	D	Clay 21; hard limestone 59; soft limestone 101; hard stone 105; soft sandstone 126.
Woodroffe Ave.	P.G. Kenny	"	May 27, 1953	4	20	15	15	"	D	Clay 22; hard limestone 55; soft limestone 101; hard stone 103; sandstone 132.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY-cont										
Ottawa -cont.										
Woodroffe Ave.	P.G.Kenny	S.H.Mulligan	Jun. 4, 1953	4	17	12	Fresh	D		Clay 21; hard limestone 55; sandstone 115.
Woodroffe Ave.	N.J.Clost	"	Jun. 14, 1953	4	12	8	"	D		Clay 21; hard limestone 65; soft limestone 92; sandstone 125.
Woodroffe Ave.	L.D'Amour	"	Jun. 18, 1953	4	5	15	10	"	D	Earth 6; soft limestone some sand 75; shaly sandstone 100; soft white silt 115.
Woodroffe Ave.	"	"	Jun. 25, 1953	4	5	15	10	"	D	Earth 6; soft limestone 50; sand 95.
Woodroffe Ave.	A.Payette	F.A.McLean & Son	Jul. 29, 1953	4 1/2	6	27	12	"	D	Clay boulders 19; limestone 127.
Woodroffe Ave.	P.L.Rankin	"	Dec. 4, 1953	4	5	18	12	"	D	Boulder till 6; limestone 119.
Woodroffe Ave.	J.W.Dockrill	S.H.Mulligan	Jan. 6, 1954	4		18	16	"	D	Clay 6; hard limestone 46; soft limestone 97; hard limestone 112; soft limestone shale 161.
Woodroffe Ave.	L.D'Amour	"	Feb. 2, 1954	4		22	22	"	D	Clay 18; hard limestone 47; soft limestone 103; soft sandstone shale 108; hard sandstone 135; soft sandstone shale 155.
Woodroffe Ave.	"	"	Feb. 19, 1954	4	13	22	22	"	D	Clay 18; hard limestone 41; soft limestone shale 102; hard sandstone 132; soft sandstone 160.
Woodroffe Ave.	"	"	Mar. 17, 1954	4		20	17	"	D	Clay 22; hard limestone 57; soft limestone 105; hard limestone 124; hard shale 139; hard limestone 146; hard sandstone 176.
Woodroffe Ave.	"	"	Apr. 29, 1954	4		30	26	"	D	Clay 29; gravel 31; hard limestone 49; soft limestone shale 53; limestone 110; hard sandstone 138; soft limestone 160.
Woodroffe Ave.	"	"	May 11, 1954	4		20	15	"	D	Clay 21; hard limestone 53; soft limestone shale 109; hard limestone 114; soft limestone 160.
Woodroffe Ave.	"	"	Jun. 12, 1954	4	5	27	23	"	D	Clay 22; limestone 59; limestone shale 98; sandstone shale 124; soft limestone 161.
Woodroffe Ave.	N.J.Gloss/Sons	"	Jun. 24, 1954	4	5	12	9	"	D	Clay 16; gravel 18; limestone 27; limestone shale 75; shale 98; hard sandstone 135.
Zephyr Ave.	G.Cummings	F.A.McLean & Son	Dec. 11, 1953	4	5	12	8	"	D	Fill hardpan 7; limestone 82.
Zephyr Ave.	A.M.Sacroix	W.M.E.Sparks	Sep. 2, 1954	4	5	35	31	"	D	Loam 1; limestone shale 65.
RICHMOND	L.Brown	F.P.Sparks	Jan. 11, 1953	4	4	10	6	"	D	Blue clay 12; grey limestone 48.
RICHMOND	H.Bassett	"	Jan. 18, 1953	4	4	5	Flows	"	D	Blue clay 28; limestone 48.
RICHMOND	B.Wilson	"	Jan. 25, 1953	4	5	10	6	"	D	Blue clay 15; limestone 40.
RICHMOND	P.Brown	"	Feb. 5, 1953	4	5	6	Flows	"	D	Blue clay 30; grey limestone 50.
RICHMOND	J.Nesbitt	"	Feb. 18, 1953	4	2 1/2	30	25	"	D	Clay 18; grey limestone 90.
RICHMOND	B.P.McMillen	S.H.Mulligan	Jul. 5, 1953	4		55	3	"	D	Clay loam 3; blue and red clay 36; quicksand and gravel mixed 44; hard limestone 58.
RICHMOND	H.Moffatt	F.P.Sparks	Dec. 3, 1953	4	2 1/2	12	8	"	D	Blue clay 30; grey limestone 60.
RICHMOND	H.Dillworth	"	Dec. 11, 1953	4	3	13	10	"	D	Blue clay 38; grey limestone 50.
RICHMOND	G.Brown	"	Dec. 19, 1953	4	3	10	8	"	D	Blue clay 15; grey limestone 16.
RICHMOND	K.Hicks	"	Jun. 5, 1954	4	5	30	15	"	D	Blue clay 30; limestone 50.
RICHMOND	E.Armstrong	"	Jun. 23, 1954	4	5	12	10	"	D	Blue clay 25; gravel 30; limestone 50.
RICHMOND	T.P.Milton	J.B.Dufresne	Jul. 3, 1954	4	4	15	3	"	D	Clay 7; boulders 12; bluish limestone 190.
Torbolton Twp.										
Con I lot 17	H.J.Dolan	J.Dolan	Sep. 10, 1954	6	10	13	11	Fresh	D,S	Clay 10; grey limestone 75; white limestone brown slate 118; grey limestone 136.
Con II " 26	C.W.Barbour	W.M.E.Sparks	Apr. 10, 1953	5	5		8	"	D	Clay 20; hardpan 65; limestone 77.
Con II " 26	D.Pielling	J.B.Dufresne	Jun. 13, 1953	2			Flows	"	D	Limestone 60.
Con II " 26	C.W.Barber	B.E.Sparks	Jul. 29, 1953	4	5	160	30	"	D	Limestone 280; sandstone 302.
Con III " 1	D.Muldoon	K.Sparks	Jul. 20, 1953	10	2 1/2	25	16	"	D	Brown hard clay 25; blue clay 63; gravel 64.
Con III " 11	T.Dolan	J.Dolan	Sep. 10, 1954	6	10	14	12	"	D	Brown clay 24; white limestone 94.
Con IV " 4	L.G.Portt	B.Phillips	Mar. 26, 1954	5	6	17	15	"	S	Clay 60; fine sand 84; sandstone 98.
Con VI " 1	G.Kennedy	K.Sparks	Apr. 4, 1953		4	54	45	"	D	Till 8; red limestone 42; grey limestone 143.
Con VI " 5	A.Baskins	"	Jul. 10, 1953	4	3	16	10	"	D	Sand 13; limestone 48.
Con VI " 11	W.Roberts	J.Dolan	Sep. 30, 1954	4	8	10	10	"	D	Grey limestone 102.

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1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
COCHRANE DIST.-cont.										
Haggart Twp.										
Con IX lot 19	E. Bernard	D. Groleau	Aug. 8, 1953	3	3	90	35	Fresh	D, S	Clay 25; sand 78; granite 156.
Con X " 19	V. Bedard		Aug. 4, 1953	3	2 1/2	80	38	"	D	Clay boulders 25; sand 80; granite 380.
Con X " 27	E. Marin	Groleau Bros.	Jul. 15, 1954	1 1/2	4	20	4	"	D	Clay 13; gravel 15; granite 71.
Hanlan Twp.										
Con I lot 14	C. Vaillancourt	D. Groleau	Jul. 4, 1953	1 1/2	3	20	7	Fresh	D, S	Clay boulders 20; granite 142.
Hislop Twp.										
Con III lot 12	G. Heavans	J. B. Longstreet	Nov. 10, 1954	4	3	115	63	Fresh	D, S	Black muck 4; red clay 25; blue clay 50; sand boulders 75; quicksand 123.
Con V " 9	P. Plant	E. O. Longstreet	Sep. 21, 1954	6	5	93	17	"	D, S	Blue clay 35; sand 55; sand fine stone 75; hardpan 95; water bearing gravel 103. Water contains iron.
Con VI " 5	M. Bruce	"	Sep. 10, 1953	6	25	60	17	"	D, S	White clay 3; sand boulders 60; quicksand 80; coarse sand 90; fine gravel 95; coarse water bearing gravel 98.
Con VI " 9	H. Durham	"	Oct. 9, 1953	5				"		Hard yellow sand 87; green diabase 87 1/2. Dry hole.
Idington Twp.										
Con V lot 4	H. Aubertin	Groleau Bros.	Jul. 24, 1954	1 1/2	1	28	3	Fresh	D	Clay 4; granite 66.
Con VI " 6	A. Lachance	D. Groleau	Aug. 15, 1953	1 1/2	2 1/2	25	12	"	D, S	Clay 35; granite 104.
Con XII " 26	R. Segouin	Cuellette/Tremblay	Sep. 7, 1953	5	4	0	Flows	"	D	Grey clay 18; grey granite 54.
Kendall Twp.										
Con IX lot 27	L. Aubin	V. Proulx	May 30, 1953	1 1/2	4		3	Fresh	P	Clay 10; fine gravel 30; coarse gravel 35.
Con IX " 27	J. Morin	"	Oct. 6, 1953	1 1/2	4		0	"	D	Clay 10; fine gravel 30; hardpan 45; coarse gravel 50.
Con IX " 28	Ont. Hydro Elec.	"	May 28, 1953	1 1/2	4	0	0	"	P	Grey clay 10; grey quicksand 15; medium gravel 45.
Con X " 27	P. Canpaud	"	Jun. 25, 1953	1 1/2	4		4	"	D	Clay 15; quicksand 30; gravel 40.
Con XII " 28	W. Proulx	"	Jul. 30, 1954	6	1 1/2		10	"	D, S	Grey clay 20; grey granite 160.
Lamarche Twp.										
Con III lot 9	G. Hackett	D. Groleau	May 9, 1953	1 1/2	5	15	6	Fresh	D, S	Clay 4; green stone 63.
Con VI " 4	Wrigglesworth	N. Dubeau	Aug. 4, 1953	1 1/2			3	"	D, S	Clay 10; hardpan 99.
Con VI " 5	J. Berthraume	E. Robinson	Jul. 5, 1954	4	8	24	24	"	D	Blue clay 20; fine sand boulders fine gravel 65; coarse gravel 75.
Con VI " 5	A. Gregoire	D. Noel	Oct. 19, 1954	2	3	6	4	"	D, S	Clay 10; hardpan 20; quicksand 54; gravel 57.
Leitch Twp.										
Con VI lot 4	H. Allen	N. Dubeau	Aug. 19, 1953	1 1/2	12	2	2	Fresh	D, S	Brown clay 30; blue clay 50; grey sand 60; blue clay 77; sand 82; blue clay 90; gravel 97.
Lowther Twp.										
Con VIII lot 16	G. Chouinard	D. Groleau	May 24, 1954	2	2	25	7	Fresh	D, S	Clay 7; sand boulders 47; granite 167.
Con XI " 20	J. L. Gosselin	"	May 25, 1954	2	3	15	2	"	D, S	Clay sand 24; soft grey rock 36.
McCrea Twp.										
Con VI lot 7	Sep. School #2	D. Groleau	May 7, 1954	2	1	25	5	Fresh	P	Clay 5; sand 41; dark grey rock 105; quartz 126.
Con IX " 6	H. Vallee	"	Jun. 16, 1953	1 1/2	3	20	2	"	D, S	Clay 12; boulders sand 45; soft grey rock 86.
Mountjoy Twp.										
Con II lot 2	Twp. Timmins	E. O. Longstreet	Jul. 26, 1954	6			5	Fresh	T	Sand 12; blue clay 39; very coarse gravel 41; coarse sand 55.
Con II " 2	C. Clement	"	Jul. 30, 1954	6			10 1/2	"	T	Fine sand clay 14; blue clay 19; sand clay 21; coarse sand 25; fine sand 29; coarse sand 42; fine sand 50; coarse sand 55; sand clay 56; sand clay 60.
Con II " 2	Twp. Timmins	"	Aug. 2, 1954	6			10	"	T	Sand 18; coarse sand 22; blue clay 23; coarse sand clay 25; blue clay 34.
Con II " 2	"	"	Aug. 6, 1954	6			5	"	T	Soil 1; med. gravel 11; blue clay 13; clay gravel 30.
Con II " 2	"	"	Aug. 10, 1954	6				"	T	Fill 3; fine sand 10; clay coarse gravel 12; fine sand clay 16; fine sand vegetable matter clay 28; gravel 36; clay gravel 45.





# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
COCHRANE DIST.-cont.										
TIMMINS	Twn.Timmins	E.O.Longstreet	Aug.11,1954	6					T	Sand clay gravel 13;coarse grey sand light silt 23;med.grey sand 39;soft blue clay 52.
TIMMINS	"	"	Aug.13,1954	6					T	Soft blue clay 35.
Way Twp.										
Con IV lot 2	N.Maheux	D.Groleau	May 15,1954	1 1/2	1 1/2	20	8	Fresh	D,S	Clay 35; sand boulders 83.
Con VII " 6	R.Levasseur	"	Sep.22,1953	2	2	25	15	"	D,S	Clay boulders 58;quartz dark grey rock 180.
Con VIII " 1	G.Hardis	"	Sep. 8,1954	2	3	15	2	"	D,S	Sand boulders 37;hard granite 81.
Williamson Twp.										
Con I lot 8	U.Portin	D.Groleau	Apr.30,1954	2	3	10	2	Fresh	D,S	Clay 10; granite 45.
DUFFERIN COUNTY										
Amaranth Twp.										
Con II lot 27	N.Wier	M.S.Bellerby	Nov.16,1953	5	8	20	20	Fresh	D	Sand 92; white limestone 100.
Con III " 9	R.Greason	C.Smith	Jul.10,1953	4	10	45	30	"	D,S	Clay 20;sandy clay 60;stone clay 80;clay silt 94;shell rock sand 114; limestone 150.
East Garafraxa Twp.										
Con X lot 8	W.R.Black	P.L.Davidson	May 27,1953	4	14	60	45	Fresh	D,S	Clay 12;sand 53;till 170;rock 239.
Con XII " 12	P.James	O.H.Gow	Sep.10,1954	4	10	22	20	"	D,S	Brown clay 72;gravel boulders 76;limestone 187.
Con XIII " 10	H.Taylor	P.L.Davidson	Feb.11,1954	4	8	60	48	"	D,S	Clay 10;sand 52;clay 78;gravel 100;till 168;rock 232.
Con XIII " 19	P.Taylor	"	Oct.31,1953	4	10	80	35	"	D	Till 103;shale 120;hard white limestone 217.
Con XIV " 3	H.Thompson	"	Dec.31,1954	4	12	80	67	"	D,S	Red sand 132;marl 163;clay 220;gravel 236;dark rock 297.
East Luther Twp.										
Con XIV lot 31	L.Keist	M.S.Bellerby	Oct.20,1953	6	8	20	14	Fresh	D,S	Clay stones 60;white limestone 100.
Con XIV " 32	W.Teeter	"	May 5,1953	5	10	10	10	"	D,S	Clay boulders 68; rock 111.
Grand Valley	Church of England	P.L.Davidson	Mar. 9,1954	4	12	55	46	Fresh	D	Clay 22;grey clay gravel 47;gravel 60;grey clay sand gravel 80;shale 96; limestone 236.
Grand Valley	L.Grainger	"	Apr.24,1954	4 1/2	15	10	0	"	D	Mixed sand and gravel 37;brown limestone 72.
Grand Valley	"	"	May 24,1954	4 1/2	20	10	0	"	D	Sand 19;gravel 31;shale 44;brown limestone 72.
Melancthon Twp.										
Con I lot 26	G.E.Armstrong	C.Bartley	Jul.13,1954	4	4	40	36	Fresh	C	Topsoil 1;yellow clay stone 22;brown limest.49;grey limest.51.
Con II " 4	H.Francis	M.S.Bellerby	Nov.21,1953	6	5	50	50	"	D,S	Old well 45; hard limestone 100.
SRE Con I " 238	R.Pate	P.H.McLuhan	Jul. 2,1954	4	10	9	9	"	D,S	Topsoil 2;hardpan 53;blue rock 92;shale 95.
SRW Con II " 290	K.Coutts	M.S.Bellerby	Jun.15,1954	5	5	111	30	"	D,S	Dug well 30; yellow limestone 111.
SRW Con II " 304	J.Milkawich	"	Jul. 1,1954	4	7	18	18	"	D,S	Hard clay 50;limestone 65.
SRW Con VII " 22	T.Dryden	"	Jun. 1,1954	5	5	20	20	"	D	Hardpan clay stone 60; white limestone 87.
Mono Twp.										
HSE Con I lot 1	E.Woolhead	C.Smith	Jun.25,1953	4	8		72	Fresh	D	Clay loose rock 20;shelly rock clay 38;limestone 95.
HSE Con I " 1	C.Bookman	"	Mar.10,1954	4	10	70	70	"	D	Stony clay 30;shelly rock clay 40;brown limestone 100.
HSE Con I " 1	P.Watt	"	Apr. 5,1954	4	12	32	32	"	D	Clay boulders 30; brown limestone 68.
HSE Con I " 1	E.Woolhead	"	Aug.30,1954	4	12	69	66	"	D	Clay 12;boulder clay 30;sandy clay boulders 34;brown limest.97.
HSE Con II " 7	Boy Scouts Asn	"	Jul.21,1954	4	8	90	85	"	D	Sandy clay 123; hard red shale 154.
HSE Con III " 8	C.Moffat	"	Aug. 7,1954	4	5	145	145	"	D	Sand clay 20;clay 50;blue clay sand 175;sand gravel 184.
HSE Con IV " 6	M.Davis	P.L.Davidson	Aug. 1,1954	6	3 1/2	57	45	"	D	Till 13;sand 31;mixed clay and gravel 52;shale rocks 62; grey rock 79;red shale 120.
HSE Con IV " 10	H.Parr	C.Smith	Dec.28,1954	4	20	35	27	"	D	Stony clay 18;red shale 52.
HSE Con V " 6	School	"	Dec.22,1953	4	10	94	94	"	P	Clay 25;sandy clay stones 60; brown limestone 114.
HSE Con VI " 32	P.Little	P.L.Davidson	Mar.24,1953	4				"	"	Clay 48;till 100;shale 130;blue rock 465.Dry hole.Gas encountered.
HSW Con I " 4	P.St.Peer	O.H.Gow	Aug.15,1953	4	6	Flows	Flows	"	D	Dry red shale 60; blue shale 64.
HSW Con I " 5	G.Watson	C.Smith	Nov.10,1953	4	15	23	20	"	D	Stony clay 10;sandy clay stones 25;till 35; gravel 38.
HSW Con I " 5	W.L.Smith	"	May 28,1954	4	12	36	32	"	D	Clay 20;stony clay 30;sandy clay 40;limestone 61.



DUFFERIN COUNTY-cont.

Mono Twp.-cont.

HSW Con II lot 4	M. Maud	O.H. Gow	May 15, 1953	4	7	Flows	Flows	Fresh	C	Gravel 44.
HSW Con II " 4	S. Star	"	Jun. 12, 1953	4	10	12	12	"	D	Gravel boulders 50; grey shale 85.
HSW Con II " 15	A. Anderson	"	Jul. 30, 1953	4	8	50	40	"	D,C	Clay boulders 80; gravel 105.
HSW Con III " 16	P. Turner	C. Smith	May 15, 1953	4	12	20	17	"	D,S	Sandy clay 25; gravelly clay 55; limestone 68.
Malmar Twp.										
HSE Con III lot 9	L. Rogers	C. Smith	Jun. 21, 1954	4	16	12	12	Fresh	D	Gravelly clay 20; gravel 28.
HSW Con III " 20	A. Hunter	"	Nov. 20, 1953	4	12	69	69	"	S	Clay 20; sandy clay stones 45; brown limest. 80; white limest. 85.

DUNDAS COUNTY

Chesterville	H. Ouellette	A. Gauthier	Jan. 24, 1953	4	2	30	20	Fresh	D	Hardpan 40; gravel 44.
Chesterville	Presb. Church.	"	Mar. 25, 1953	4	8	15	10	"	D	Hardpan 39; rock 42.
Chesterville	P. Hall	"	May 2, 1953	4	7	15	10	"	D	Hardpan 30; rock 39.
Chesterville	P. Ficke	"	May 10, 1953	4	5	20	12	"	D	Hardpan 29; gravel 30.
Chesterville	J. Turner	"	May 30, 1953	4	2	20	12	"	D	Hardpan 34; gravel 36.
Chesterville	E. Gainer	"	Jul. 7, 1953	4	5	20	12	"	C	Hardpan 27; gravel 29; rock 40.
Chesterville	Neilson Co.	"	Sep. 18, 1953	4	5	30	23	"	D	Hardpan 27; gravel 29; rock 50.
Chesterville	E. Lasalle	"	Sep. 30, 1953	4	8	25	21	"	D	Hardpan 28; sand 31; rock 38.
Chesterville	W. Leecombe	"	Oct. 12, 1953	4	3	25	22	"	D	Hardpan 30; gravel 31.
Chesterville	J. Wardell	"	Oct. 23, 1953	4	3	22	20	"	D	Old well 18; hardpan 29; rock 35.
Chesterville	M. Paul	"	Nov. 7, 1953	4	3	22	18	"	D	Old well 15; hardpan 28; rock 31.
Chesterville	D. Simpson	"	Nov. 17, 1953	4	3	30	25	"	D	Hardpan 28; limestone 45.
Chesterville	G. McLaughlin	"	Dec. 15, 1953	4	2	12	12	"	D	Hardpan 23; gravel 29.
Chesterville	J. Turner	"	Dec. 24, 1953	4	8	25	25	"	D	Previously drilled 36; rock 48.
Chesterville	O. Cardinal	"	Oct. 1, 1954	4	5	12	12	"	D	Hardpan 26; gravel 28.
Chesterville	T. MacIntosh	"	Oct. 6, 1954	4	8	10	10	"	D	Hardpan 30; gravel 33.
Chesterville	B. Rose	"	Oct. 15, 1954	4	8	15	8	"	D	Hardpan 35; gravel 36; rock 37.
Chesterville	W. Fulton	R.H. Casselman	Oct. 18, 1954	5	10	63	11	"	D	Topsoil 3; clay 10; hardpan 18; gravel boulders 25; hardpan 31; medium hard limestone 205.
Chesterville	C. Thompson	A. Gauthier	Dec. 23, 1954	4	7	20	15	"	D	Hardpan 20; boulders 30; hardpan 36; grey limestone 43.

Matilda Twp.

Con IV lot 30	R. Haines	G. Poupore	Aug. 24, 1954	5	10	15	3	Fresh	D	Coarse red sand 4; fine grey clay 12; boulders pebbles sand silt clay 27; grey limestone 52.
Con VI " 8	L. Beckstead	I. Simzer & Sons	Feb. 26, 1954	5	34	26	18	"	S	Dug well 19; hard limestone 74.
Con VII " 7	H. Miller	"	Jun. 2, 1954	5	10	10	8	"	In	Sand gravel 41; rock 42.
Con VIII " 14	J. Pouliet	"	May 7, 1954	5	67	1	1	"	D	Clay 30; limestone 92.
WB Con I " 27	G. Johnston	G. Poupore	Jan. 3, 1953	5	8	35	5	"	D,S	Gravel boulders 19; grey hardpan 38; gravel silt 44; grey hardpan 45; gravel silt 46; grey limestone 46.

Mountain Twp.

Con II lot 8	D.L. Berry	I. Simzer & Sons	Mar. 11, 1953	5	18	3	0	Fresh	D	Clay 20; gravel clay 50; hard limestone 62.
Con II " 8	S. Declair	"	Jun. 27, 1953	5	8	5	Flows	"	D	Clay 20; gravel clay 64; hard limestone 66.
Con II " 8	J. Gilroy	"	Jul. 10, 1953	5	5	84	0	"	D	Clay 20; gravel clay 53; hard limestone 84.
Con IV " 13	G. Simzer	"	Dec. 3, 1953	5	5	30	20	"	D	Dug well 22; hardpan 35; hard limestone 46.
Con V " 11	School S. # 7	"	Nov. 27, 1953	5	8	18	12	"	P	Ground 3; hard limestone 72.
Con VII " 16	J. Moss	R.H. Casselman	Feb. 27, 1954	5	18	12	9	"	D,S	Dug well 10; fine sand gravel 17; hard dark-grey limest. 42.
Con VIII " 6	School	I. Simzer & Sons	Dec. 7, 1953	5	7	25	20	"	D	Dug well 20; ground 28; hard limestone 56.
Con XII " 6	S. York	R.H. Casselman	Jan. 26, 1954	5	14	23	8	"	D,S	Topsoil 3; clay 40; sand clay 75; limestone 86.
Con XII " 17	S. Campbell	"	Oct. 23, 1953	5	17	20	20	"	D	Old well 23; silt 26; broken limest. 30; light-grey limest. 100.

Williamsburgh Twp.

Con II lot 30	E. Janack	R.H. Casselman	Oct. 21, 1954	5	18	8	Flows	Fresh	D	Old well 12; soft clay gravel 91; limestone 106.
Con IV " 31	A. Thom	"	Mar. 15, 1954	5	18	18	12	"	D	Top soil 2; hardpan 43; limestone 83.
Con V " 29	Dutch Christian Reform Church	"	Oct. 27, 1953	5	18	32	16	"	D	Top soil 3; till 30; fine running sand 60; soft light-grey limestone 173.
Con VIII " 11	W. Henderson	I. Simzer & Sons	Jun. 8, 1953	5	8	40	9	"	D,S	Hardpan boulders 29; hard limestone 120.
Con VIII " 32	R.S. Allison	R.H. Casselman	Mar. 6, 1954	5	14	14	6	"	D	Boulder fill 3; hardpan 18; limestone 33.
WINCHESTER	J. Fader	A. Gauthier	Jul. 27, 1953	5	8	40	30	Fresh	D	Ground boulders 31; limestone 72.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>DUNDAS COUNTY-cont.</b>										
Winchester	P.C.Roberts	R.H.Casselman	Aug. 3, 1953	5	18	45	33	Fresh	D	Old well 20; coarse gravel boulders 28; till 3-; limestone 106.
Winchester	K.Summers	A.Gauthier	Aug. 7, 1953	4	3	40	25	"	D	Hardpan 40; sand 45; gravel 50; rock 62.
Winchester	E.Stuart	"	Aug. 17, 1953	4	"	20	12	"	D	Hardpan 25; rock 35.
Winchester	F.G.Hutt	R.H.Casselman	Sep. 17, 1953	5	18	20	15	"	D	Old well 22; till 35; limestone 99.
Winchester	T.O.Keyes	I.Simzer & Sons	Oct. 2, 1953	5	7	36	50	"	D	Hardpan 45; hard limestone 135.
Winchester	S.McKerchner	R.H.Casselman	May 26, 1954	5	3	18	10	"	D	Top soil 2; hardpan 18; medium limestone 92.
Winchester	G.LaRose	"	Jun. 11, 1954	5	18	27	12	"	D	Top soil 2; hardpan 36; medium limestone 120.
Winchester	Methodist Church	A.Gauthier	Jul. 27, 1954	5	4	33	32	"	D	Old well 20; hardpan 35; grey limestone 83.
Winchester	J.R.Lennex	R.H.Casselman	Nov. 16, 1954	5	7	29	17	"	D	Hardpan 39; limestone 68.
Winchester	K.Barrigar	"	Nov. 23, 1954	5	7	55	12	"	D	Hardpan 38; limestone 68.
<b>Winchester Twp.</b>										
Con I lot 13	School	A.Gauthier	Apr. 17, 1953	4	8	20	12	Fresh	P	Grey clay 42; limestone 43.
Con I " 15	B.Short	"	Nov. 28, 1953	4	10	20	20	"	D, S	Old well 20; grey limestone 45.
Con I " 18	A.Graham	"	Apr. 9, 1953	4	3	15	15	"	D	Hardpan 5; rock 35.
Con II " 18	A.Droppo	I.Simzer & Sons	May 26, 1953	5	7	10	1	"	D	Clay boulders 50; hard limestone 97.
Con IV " A	G.Hoves	A.Gauthier	Jul. 10, 1954	4	3	2	2	"	D	Hardpan 8; rock 40.
Con IV " 15	Rd. Resurfacing	R.H.Casselman	Dec. 13, 1954	5	10	30	10	"	P	Fill 4; hardpan 34; limestone 86.
Con V " 3	Cheese Produce Marketing Brd.	"	Jun. 18, 1954	6	50	250	7	"	In	Top soil hardpan 12; gravel clay 20; fine gravel sand 30; limestone 194; very hard limestone 225; medium limestone 300.
Con X " 2	C.McWey	A.Gauthier	Aug. 25, 1953	4	8	20	15	"	D, S	Old well 15; hardpan 33; gravel 38.
Con X " 8	A.Matte	"	Aug. 20, 1954	4	3	35	15	Salt	D	Clay 50; hardpan 75; gravel 77.
Con XI " 18	School	R.H.Casselman	Sep. 1, 1954	5	18	35	14	Fresh	P	Top soil 3; hardpan boulders 20; very coarse gravel 49; medium limestone 147.
Con XI " 22	C.McGregor	"	Jul. 14, 1954	5	8	45	21	"	D	Top soil 1; very hard limestone 30; med. limestone 57; soft limestone 97; med. limestone 123; very hard limestone 129; med. limestone 144.
Con XII " 15	H.R.Wington	W.C.Christy	Jan. 6, 1953	4	4	19	8	"	D, S	Blue clay 14; black shale 40.
<b>DURHAM COUNTY.</b>										
Bowmanville	H.Powell	R.Halford	Jun. 4, 1953	6	4	40	40	Fresh	D	Hardpan gravel 40; blue clay 78; gravel 80.
Bowmanville	O.Bice	"	Nov. 14, 1954	6	5	40	20	"	D	Top soil 2; hard whitish clay 104.
<b>Cartwright Twp.</b>										
Con II lot 11	P.Ponill	Hoskin Bros.	Aug. 23, 1954	36			13	Fresh	D	Sandy top soil 1; sand blue clay 9; stony hard sand 16.
Con V " 11	School	"	Oct. 24, 1953	36			13	"	D	Light loam 1; subsoil 2; sand 5; gravel 9; sand some clay 20; sand 29.
Con V " 18	W.Proctor	"	May 29, 1954	36			18	"	D	Sandy loam 1; sandy subsoil 2; gravel 7; sand gravel 18; sand 20.
Con VII " 16	T.Laughfeld	W.Sanderson	Mar. 10, 1954	6	30	45	20	"	D	Old well 33; sand 60; blue clay 104; coarse gravel 106.
(Nestleton)										
Con VIII " 11	C.McCullough	Hoskin Bros.	Jun. 18, 1954	36			6	"	D	Black loam 1; sand subsoil 2; sand gravel 9.
Con VIII " 11	J.Threpleton	"	Jun. 23, 1954	36			3	"	D	Sand loam 1; black loam 2; sand stone 7.
Con VIII " 11	P.Woods	"	Jun. 23, 1954	36			10	"	D	Sand loam 1; subsoil 2; grey clay stone 12; sand 15.
Con VIII " 12	J.Fox	"	May 19, 1954	36			16	"	D	Sand loam 1; sand 10; sand gravel 18; sand 20.
Con VIII " 12	O.Hewitt	"	May 27, 1954	36			17	"	D	Clay loam 1; subsoil 2; sand 6; gravel 8; sand clay 22; sand 27.
Con IX " 12	W.McMillan	"	Jun. 2, 1954	36			19	"	D	Clay loam 1; subsoil 2; sand clay 20; sand 22.
Con IX " 13	R.Flintoff	"	Jul. 5, 1954	36			5	"	D	Sandy loam 1; subsoil 2; sand stone 11.
Con X " 18	P.J.Masie	"	Jun. 24, 1954	36			7	"	D	Black loam 1; subsoil 2; grey clay gravel 8; clay stone gravel 15.
Con X " 18	W.Poley	"	Jul. 6, 1954	36			9	"	D	Black loam 1; subsoil 2; sand clay 10; sand stone 15.
<b>Cavan Twp.</b>										
Con I lot 12	D.Olau	W.Sanderson	Jan. 15, 1953	6	10	115	90	Fresh	D	Top soil 2; clay 8; sand 14; blue till 134; coarse gravel.
Con I " 18	School S.#15	N.N.Paulkner	Oct. 9, 1953	6	8	30	12	"	P	Till 10; clay 90; gravel 94.
Con I " 23	B.Hazelden	"	Jun. 1, 1953	6	7	30	30	"	D	Till 71; gravel 74.
Con II " 16	P.Elgar	"	Oct. 22, 1953	6	14	87	78	"	D	Till 30; clay 120; gravel 122.

## DURHAM COUNTY-cont.

## Cavan Twp.-cont.

Con III	lot 17	S.W.Harmer	N.N.Paulkner	Feb. 1, 1954	6 1/2	7	117	100	Fresh	D,S	Topsoil 2; clay stones 55; dry sand 100; gravel 117.
Con III	" 23	R.Y.Brook	"	Oct. 6, 1953	6 1/2	5	40	27	"	D	Dug 30; till 50; gravel 54.
Con IV	" 5	H.Patton	"	Mar. 10, 1954	5	5	134	60	"	D	Dug well 34; gravel hardpan 80; blue clay some sand 140; coarse sand fine gravel 142.
Con V	" 12	E.Armstrong	W.Sanderson	Dec. 9, 1953	6 1/2	12	44	40	"	D,S	Top soil 2; brown till 20; blue clay stone 53; gravel 54.
Con V	" 21	G.Kinsman	N.N.Paulkner	Oct. 6, 1954	6	6	75	40	"	D	Top soil 2; sandy gravel clay 28; blue clay stones 80; blue clay gravel 90.
Con VI	" 21	R.Atkinson	R.Halford	May 8, 1953	6	2		27	"	D	Blue clay boulders 35; gravel 37.
Con VI	" 21	R.G.Welborne	N.N.Paulkner	Oct. 14, 1954	6	3	157	15	"	D	Top soil 2; large stones blue clay 20; blue clay some gravel 78; shale rock 81; dark-grey limestone 165.
Con VIII	" 22	Ont.HydroElec.	R.Halford	Apr. 29, 1953	5		27	15	"	F	Sandy loam 2; blue clay 35; gravel 37.
Con IX	" 23	G.Shelgrove	N.N.Paulkner	Jul. 29, 1954	6	8	20	10	"	D	Top soil 2; brown sand brown clay 38; clay gravel coarse sand 41.
Con X	" 20	Whitfield/Morri-son.	"	Nov. 20, 1953	6 1/2	14	30	15	"	D,S	Till clay 40; gravel 45.
Clarke Twp.											
Con B.	lot 10	W.Elliott	Hoskin Bros.	Jul. 20, 1953	36			31	Fresh	D	Sandy loam 6; grey clay 13; grey clay and brown sand in layers 37 1/2.
Con B	" 11	L.L.Aitchison	"	Jul. 22, 1953	36			20	"	D	Sandy loam 2; gravel 10; clay 24.
Con B	" 20	VanLeeuwen	N.N.Paulkner	Jul. 9, 1953	6 1/2	14	100	60	"	D,S	Brown sandy till clay small boulders 100; brown sand 150; grey sandy till clay gravel 165; sand gravel 171.
Con I	" 22	J.Grant	W.Sanderson	Oct. 20, 1953	6 1/2	12	30	14	"	D	Old well 18; blue clay 40; gravel 41.
Con II	" 29	C.J.Allin	N.N.Paulkner	Jan. 15, 1953	6	7	45	20	"	D,S	Till 60; gravel 65.
Con II	" 31	W.H.Gibson	"	Oct. 2, 1953	6 1/2	3	97	30	"	D,S	Till 70; limestone 127.
Con II	" 31	F & D Gray	W.Sanderson	Feb. 19, 1954	6 1/2	2	60	12	"	D,S	Top soil 3; blue clay stone 30; blue clay 73; dark limestone 79.
Con II	" 34	J.T.Brown	N.N.Paulkner	Aug. 19, 1953	6 1/2	3	90	8	"	D,S	Old well 12; grey hardpan small stones gravel 98.
Con III	" 28	Vigor Oil Co.	"	Nov. 15, 1954	6 1/2	5	93	8	"	C	Top soil 1; brown clay 7; gravel 10; grey clay 35; grey clay pebbles 98.
Con III	" 31	C.A.Fisk	"	Aug. 7, 1953	6 1/2	7	36	24	"	D,S	Till 40; gravel 46.
Con III	" 34	A.E.Armstrong	"	Aug. 20, 1953	6 1/2	7	50	10	"	D,S	Till 30; silt sand 64; gravel 65.
Con III	" 34	W.H.Gibson	"	Oct. 2, 1953	6 1/2	5	57	30	"	D,S	Gravel till 77.
Con IV	" 7	G.Wright	"	Sep. 2, 1953	6 1/2	18	50	40	"	D,S	Till 70; clay 150; silt 225; gravel 230.
Con IV	" 28	L.Bowens	"	Oct. 21, 1954	6 1/2	14	50	30	"	D	Top soil 2; brown clay 21; sand 80; gravel 81.
Con IV	" 29	W.P.Irwin	"	Nov. 10, 1954	6 1/2	14	63	60	"	D	Top soil 1 1/2; yellowish clay 23; sand 27; brown clay pebbles 34; coarse sand 50; sand 72; blue clay 80; sand 82; gravel 84.
Con V	" 26	M.J.Tamblyn	"	Nov. 18, 1953	6 1/2	20			Flows	"	Till 100; silt 165; gravel 168.
Con V	" 27	R.Harness	L.R.Hoskin	Nov. 2, 1954	36			17	"	J	Clay gravelly loam 1; subsoil 1 1/2; clay stones 10; sand 10 1/2; hardpan 20.
Con Orono	" 28	Cdn.Bnk.Comm.	N.N.Paulkner	Feb. 27, 1953	6 1/2	8	120	30	"	D	Till sand 150; limestone 156.
Con V	" 28	H.E.Hancock	"	Mar. 2, 1953	6 1/2	18	34	10	"	D	Till 45; sand gravel 54.
Con V Orono	" 28	Orono Telephone	"	Oct. 5, 1954	6 1/2	4	131		Flows	"	Top soil 2; sand gravel 6; grey pebbles 136; gravel 137.
Con V	" 28	A.Watson	"	Oct. 8, 1954	6 1/2	3	41	12	"	J	Top soil 1; brown clay stones 40; gravel 45.
Con V	" 29	A.Hall	"	Jul. 24, 1953	6 1/2	7	100	30	"	D	Till 30; silt 100; gravel 120.
Con VI	" 1	A.W.Cook	"	May 1, 1953	4	10	30	4	"	D,S	Sand 130; clay 187; limestone 193.
Con VI	" 4	R.Martwell	"	Jul. 7, 1954	6 1/2	18	70	55	"	D,S	Top soil 2; clay stone 60; grey clay 140; gravel 146.
Con VI	" 18	E.E.Paterson	"	Apr. 19, 1954	6 1/2	8	175	155	"	D,S	Top soil 2; sand clay stone 180; sand gravel 195.
Con VI	" 26	E.Ouantril	"	Oct. 30, 1954	6 1/2	10	100	35	"	D,S	Top soil 2; brown clay stones 12; grey clay pebbles 40; sandy grey clay pebbles 126.
Con VI	" 32	M.W.Chatterton	R.Halford	Apr. 8, 1954	6	5	130	60	"	D,S	Old well 60; clay boulders 153; hardpan gravel 160.
Con VII	" 4	E.W.Poster	N.N.Paulkner	May 18, 1954	6 1/2	18			Flows	"	Dug well 20; sand 25; clay sand 75; sand 175; sand wood 190; sand gravel 207.
Con VIII	" 23	C.Allen	"	Aug. 26, 1953	6 1/2	14	65	50	"	D,S	Top soil 2; brown clay stones 100; gravel 104.
Con VIII	" 23	E.A.Leamer	"	Jul. 14, 1954	6 1/2	4	51	49	"	D	Top soil 1; brown clay 12; sand 43; sand gravel 53; gravel 55.
Con VIII	" 28	H.G.Bellamy	"	Nov. 6, 1954	6 1/2	14	50	45	"	D,S	Top soil 2; yellowish clay 30; sand 60; sand gravel 70; quicksand 89; sandy grey clay pebbles 100; gravel 102.
Con IX	" 23	M.Paulkner	"	Nov. 10, 1953	6 1/2	8	80	60	"	In	Till 10; sand 110; gravel 119.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION		OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
DURHAM COUNTY-cont. Darlington Twp.											
B.P.	lot 19	B. Wayne	Hoskin Bros.	Jun. 24, 1954	36			Flows	Fresh	D	Clay loam 1; subsoil 1 1/2; gravel 5; clay gravel 27 1/2; sand clay 39.
Con I	1	G.B. Richard	W. Sanderson	Aug. 24, 1953	6 1/2	2	136	20	"	D, S	Dark top soil 3; brown clay till; 38; dirty sand 40; blue till 116; grey limestone 146.
Con I	5	P.G. Newell	N.N. Faulkner	Jun. 10, 1954	6 1/2	18	15	4	"	D, S	Dug well 4; clay stones 34; gravel 35.
Con I	7	H. VanDerBilt	W. Sanderson	Sep. 5, 1953	6 1/2	18	30	28	"	D	Old well 24; blue till 47; gravel 48.
Con I	8	"	"	Oct. 5, 1954	6 1/2	35	8	3	"	D	Top soil 2; blue clay 20; gravel 21.
Con I	16	R.R. Stevens	"	Jul. 20, 1953	6 1/2	2	40	13	"	D	Old well 24; blue clay 128; gravel 134.
Con II	4	School S. #5	N.N. Faulkner	Mar. 11, 1953	6 1/2	7	96	20	"	P	Till 5; sand 35; till 50; grey clay 100; limestone 116.
Con II	15	H.B. Brown	"	Jan. 7, 1953	6	18	80	12	"	D, S	Till 80; clay 140; gravel 148.
Con II	18	C. Burton	Hoskin Bros.	Jul. 27, 1953	36			15	"	D	Clay loam 2; subsoil 3; clay gravel 24; gravel sand 27 1/2.
Con II	18	R. Walls	"	Apr. 24, 1954	36			5	"	D	Clay loam 1; subsoil 3; clay stone 12; gravel clay 15.
Con II	18	G. McMullion	"	Aug. 8, 1954	36			13 1/2	"	D	Clay loam 1; subsoil 2 1/2; sand gravel 12; clay stones 20; gravel clay 22 1/2.
Con II	19	A. Bothwell	"	Apr. 7, 1954	36			8 1/2	"	D	Sand loam 1; subsoil 2 1/2; sand 8; clay sand layers 10; sand 16 1/2.
Con II	20	R. Jarvie	"	Oct. 23, 1953	36			13	"	D	Clay loam 1; subsoil 2; grey clay stone 13; clay sand 15.
Con II	20	"	"	Nov. 4, 1953	36			15	"	D	Clay loam 1; subsoil 2 1/2; grey clay gravel 15; brown hard sand 19.
Con II	21	"	"	Sep. 8, 1954	36			20	"	D	Black loam 1; subsoil 1 1/2; clay stone 10; blue clay 70; sand clay 80.
Con II	25	Budiau	"	May 3, 1954	36			2 1/2	"	D	Gravelly loam 1; black soil 3; subsoil 4; sand clay 7; clay gravel 18; gravel sand 21 1/2.
Con II	28	N. Sayers	R. Halford	May 22, 1953	6	1	Flows	Flows	"	D	Top soil 3; blue clay 23; quicksand gravel 48; gravel 50.
Con II	Courtice	Courtice United Church	Hoskin Bros.	Oct. 17, 1953	36			19	"	P	Sandy loam 1 1/2; clay soft stone 10; gravel 13; clay gravel 21 1/2.
Con II	lot 33	P.A. Vangunten	"	Oct. 31, 1953	36			16	"	D	Brown sandy loam 3; grey clay 13; grey sand clay 16; brown sand 21.
Con II	34	A. Thompson	"	Jun. 30, 1954	36			17 1/2	"	D	Clay loam 1; subsoil 2; clay gravel 25; gravel 27 1/2.
Con II	35	Harmony Bldrs.	"	Jul. 14, 1953	36			4	"	D	Clay loam 2; gravel stone grey clay sand 16 1/2.
Con II	35	"Can. Ltd.	"	Jul. 16, 1953	36			3	"	D	Clay loam 2; gravel stone 15.
Con II	35	"	"	Feb. 2, 1954	36			3	"	D	Clay loam 1; subsoil 5; clay stone 19; sand stone 22 1/2.
Con II	35	Lillie Bros.	"	May 19, 1954	36			6	"	D	Black loam 2; sand gravel 4; sand 11.
Con II	35	G. Hall	"	Jun. 23, 1954	36			10	"	D	Clay loam 1; subsoil 2; clay gravel 15; sand 20.
Con II	35	W.E. Gomme	"	Aug. 21, 1954	36			47	"	D	Fill 1; clay loam 2 1/2; subsoil 3 1/2; clay gravel 12; hardpan 50.
Con II	35	W. Bickle	L.A. Hoskin	Nov. 29, 1954	36			16	"	D	Sandy loam 1 1/2; gravel loam 4; gravel 20.
Con III	18	C. Jeffery	Hoskin Bros.	Dec. 10, 1953	36			25	"	D	Sandy loam 1; subsoil 2 1/2; sand gravel 26; blue clay gravel 31; gravel sand 36 1/2.
Con III	19	I. Doyle	W. Sanderson	Oct. 29, 1953	6 1/2	11	70	50	"	D	Old well 68; blue till boulders 85; sandy gravel 86.
Con III	28	W. Krezanowski	Hoskin Bros.	Aug. 21, 1953	36			15	"	D	Sandy loam 1; brown subsoil 3; sand clay 15; gravel blue clay 20.
Con III	28	J. McGregor	"	Feb. 24, 1954	36			5 1/2	"	D	Clay loam 1 1/2; clay stone 15; gravel clay 17 1/2.
Con III	29	E. Pollard	R. Halford	Jun. 13, 1953	4	7	78	20	"	D	Dug well 8; dry sand 50; quicksand 78.
Con III	30	G. Welsh	R. Halford	Jun. 18, 1953	4			24	"	D	Old well 26; hard stony clay 73.
Con III	33	Bassingthwaite	Hoskin Bros.	Oct. 20, 1953	36			10	"	D	Sandy loam 2; sand clay 10; clay stone 20; sand 25.
Con III	33	H. Hauewich	W. Sanderson	Jul. 31, 1953	6 1/2	18	25	20	"	D	Old well 25; blue clay 40; gravel 41.
Con III	33	J. Hauewich	"	Oct. 31, 1953	6 1/2	8	31	21	"	D	Old well 25; blue clay 40; gravel 41.
Con III	35	W. Powell	Hoskin Bros.	Jul. 24, 1953	36			12	"	D	Clay loam 2; gravel 12; sand 15.
Con III	35	J. Valleues	"	Feb. 2, 1954	36			0	"	D, S	Cinder black loam 2; subsoil sand 3; sand gravel 6; sand 11 1/2.
Con III	35	J. Varcoe	"	Aug. 14, 1954	36			13	"	D	Sandy loam 1; subsoil 2; clay gravel 17; sand 19; gravel 20.
Con IV	3	J. Payer	W. Sanderson	Jun. 9, 1954	6 1/2	4	60	15	"	D, S	Old well 24; blue clay stones 99; dark limestone 104.
Con IV	7	Z. Benschop	R. Halford	Apr. 30, 1954	5	6	142	72	"	D, S	Dug well 30; boulders clay 70; hardpan 120; quicksand 160; clay 172; shale rock 192.
Con IV	17	P. Perry	N.N. Faulkner	May 4, 1954	6 1/2	18	36	18	"	D, S	Top soil 2; brown clay boulders 20; yellowish clay 55; coarse sand 60; grey clay pebbles 102; gravel 106.
Con IV	30	P. Jones	Hoskin Bros.	Mar. 10, 1954	36			10	"	D	Clay loam 1; subsoil 3; sand clay 10; sand 16.
Con IV	30	"	"	Mar. 10, 1954	36			5 1/2	"	D	Clay loam 1; subsoil 3; sand clay 8; sand 11 1/2.

DURHAM COUNTY-cont.  
Darlington Twp. cont.

Con IV	lot 30	J. Harris	Hoskin Bros.	Jun. 24, 1954	36					Fresh	D	Clay loam 1; subsoil 2; sand clay 30; sand 47.
Con IV	" 31	P. Jones	"	Dec. 2, 1953	36				17	"	D	Clay loam 1; subsoil 2; gravel clay 13; sand sandy gravel 21.
Con IV	" 31	School S. #12	N.N. Faulkner	Apr. 22, 1954	6 1/2	18	36		10	"	D	Topsoil 1; yellow clay 10; sandy grey clay pebbles 18; gravel 136.
Con V	" 5	L. Combes	Hoskin Bros.	Dec. 21, 1953	36				10	"	D, S	Clay loam 1; subsoil stones 3; gravel clay 16; gravel sand 20.
Con V	" 15	C. Coulter	L.R. Hoskin	Nov. 12, 1954	36				Flows	"	D	Sandy loam 1; subsoil 2; clay gravel 10; blue clay 20; clay sand 2.
Con V	" 28	C.H. Munford	N.N. Faulkner	Sep. 24, 1954	6 1/2	14	50		40	"	D, S	Topsoil 2; stony brown clay 10; gravel grey clay 32; sand 27; gravelly grey clay 69; gravel 70.
Con VI	" 25	R. Pascoe	Hoskin Bros.	Mar. 16, 1954	36				14 1/2	"	D	Black loam 2; subsoil 4; clay gravel 20; gravel sand 32.
Con VI	" 26	J. Hamilton	"	Mar. 15, 1954	36				2 1/2	"	D	Heavy black loam 2; subsoil 3; clay stones 20; clay gravel 23; gravel sand 27.
Con VI	" 34	P.G. Leask	N.N. Faulkner	Jan. 21, 1954	6 1/2	14			Flows	"	D, S	Topsoil 2; grey clay pebbles 118; gravel 119.
Con VII	" 12	R. Ashton	Hoskin Bros.	Dec. 20, 1953	36				22	"	D, S	Heavy clay loam stone 3 1/2; clay sand 18; blue clay 30; sand 34.
Con VII	" 29	E. Cryderman	N.N. Faulkner	Mar. 31, 1954	6 1/2	14	139		134	"	D, S	Topsoil 1; brown clay stones 20; grey clay pebbles 75; gravel 85; grey clay pebbles 198; gravel 199.
Con VII	" 32	C. Vice	"	Mar. 2, 1954	6 1/2	4	150		145	"	D, S	Topsoil 1; brown clay boulders 15; grey clay pebbles 117; brown clay 131; sand 141; sandy grey clay 225; gravel 226.
Con VII	" 33	M. Hepburn	"	Aug. 26, 1954	6 1/2	18	150		60	"	D, S	Topsoil 2; clay sand 150; sand 220; gravel sand 230.
Con VIII	" 12	B. Crysdale	"	Dec. 16, 1954	6 1/2	60			Flows	"	D, S	Topsoil 1; brown sandy clay 30; sand 40; grey clay pebbles 140; dark grey clay 151; gravel 153.
Con VIII	" 14	W. Blackburn	Hoskin Bros.	May 8, 1954	36				10	"	D	Black loam 1; subsoil gravel 2 1/2; gravel 6; sand 12 1/2.
Con VIII	" 34	G. Taylor	"	Dec. 4, 1953	36				19	"	D	Clay loam 1; subsoil 2; grey clay stone 20; gravel clay 24.
Con VIII	" 34	C. Hubbard	"	Apr. 17, 1954	36				45	"	D	Sandy loam 2; soft sand 20; sand clay 35; sand clay stone 50; sand gravel 55.
Hope Twp.												
B.F.	lot 2	Bradford Hoshal	N.N. Faulkner	Jul. 4, 1953	6	36	20		10	Fresh	In	Clay 15; limestone 40.
B.F.	" 2	Nicholson Pile	"	May 12, 1954	10	36	32		5	"	In	Topsoil 1; brown clay 10; grey clay 16; hard brown limestone 42.
Con I	" 14	H. Moore	W. Sanderson	Feb. 3, 1954	6 1/2	18	25		3	"	D	Topsoil 2; soft blue clay 18; blue clay stones 43; gravel 44.
Con I	" 31	School S. #2	"	Oct. 21, 1953	6 1/2				Flows	"	D	Topsoil 2; blue clay 39; sand gravel 40.
Con II	" 5	E. Eley	N.N. Faulkner	Jul. 23, 1954	6 1/2	5	130		30	"	D, S	Topsoil 2; clay boulders 10; grey clay 90; limestone 150.
Con II	" 8	L. Bamsey	"	Jul. 15, 1954	6 1/2	18	70		60	"	D, S	Dug well 60; sand 70; grey clay 133; gravel 136.
Con II	" 10	E.F. Sleeman	R. Halford	Mar. 11, 1954	4	7	12		10	"	D	Topsoil 4; clay 10; quicksand 22; clay 72; gravel limestone 74; coarse gravel 75.
Con II	" 11	W.C. Rowden	N.N. Faulkner	Jul. 1, 1953	6 1/2	18	80		50	"	D	Sand 140; clay sand 165; gravel 175.
Con III	" 3	McColl Frontenac	"	May 4, 1953	6 1/2	13	60		2	"	C	Sandy clay till boulders 60; gravel till 85.
Con III	" 4	Trans-Northern Pipe Line	R.H. Casselman	Dec. 31, 1954	5	7	55		10	"	In	Topsoil 3; clay 30; hardpan 88; shale 110; med. limestone 205.
Con III	" 12	W. Waddell	R. Halford	Mar. 19, 1954	4	7			Flows	"	D	Topsoil 4; clay 16; boulders clay 36; quicksand 66; coarse gravel 81.
Con III	" 14	C.T. Currelly	W. Sanderson	Apr. 17, 1953	6	5	40		12	"	D	Fill 3; blue clay 53; sand clay 54; blue till 70.
Con III	" 14	Wilbur/Gravel	L.R. Hoskin	Nov. 17, 1954	36				14	"	D	Fill 1; sandy loam 1 1/2; subsoil 3; sand 10; blue clay 39.
Con IV	" 2	G. Bowen	N.N. Faulkner	Jun. 6, 1953	6 1/2	4	22		2	"	D	Fill 30; gravel 32.
Con IV	" 12	W.M. Jarvis	W. Sanderson	Nov. 1, 1954	6 1/2	30	25		6	"	D	Topsoil 2; blue clay 40; brown limestone 48.
Con IV	" 15	R.T. Currelly	"	Apr. 12, 1953	6	10	120		20	Mineral	D, S	Old well 40; blue till 85; hard limestone 123.
Con VI	" 15	J.H. Leslie	L.R. Hoskin	Nov. 18, 1954	36				29	Fresh	D	Sandy loam 1; subsoil 1 1/2; sand 12; sand clay 30; sand 32.
Con VI	" 28	R.H. Cook	N.N. Faulkner	Mar. 18, 1953	6 1/2	14	40		20	"	D, S	Clay 10; sand 20; grey clay 60; gravel 69.
Con VI	" 29	"	"	Mar. 16, 1953	6 1/2	14	80		20	"	D, S	Clay 8; sand 20; grey clay 80; sand gravel 105.
Con VII	" 17	R. Philp	W. Sanderson	May 20, 1953	6	12	80		48	"	D, S	Blue clay 65; sand 66; blue till 109; gravel 110.
Con VII	" 29	School	R. Halford	Nov. 6, 1954	5	10	50		20	"	P	Topsoil sandy loam 5; quicksand 113; gravel 114.
Con VIII	" 4	E. Dixon	N.N. Faulkner	Dec. 2, 1954	6 1/2	10	37		25	"	D, S	Dug well 6; clay sand 70; gravel 77.
Con VIII	" 5	B. Dixon	"	Dec. 4, 1954	6 1/2	14	35		15	"	D, S	Topsoil 2; sand clay stones 60; gravel 65.
Con VIII	" 10	L.S. Caldwell	R. Halford	Apr. 2, 1953	4	18			Flows	"	D	Blue clay 97; gravel.
Con IX	" 28	B. Adams	N.N. Faulkner	Dec. 2, 1954	6 1/2	7	200		150	"	D, S	Topsoil 1; sandy brown clay boulders 11; gravel 14; grey clay pebbles stones 198; sandy grey clay pebbles 222.
Manvers Twp.												
Con I	lot 13	W.F. Adams	N.N. Faulkner	Apr. 22, 1953	6 1/2	6	120		100	Fresh	In	Till 10; sand 125; gravel 133.
Con IV	" 10	H. Beggo	"	Nov. 19, 1954	6 1/2	14	104		104	"	D, S	Dug well 104; sand 157; gravel 158.
Con VII	" 13	C. Preston	"	Feb. 24, 1954	6	18	165		155	"	D, S	Topsoil 1; clay 1; brown gravelly hardp. 145; sand 155; coarse sand

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
DURHAM COUNTY-cont. Manvers Twp.cont. Con VIII lot 34	School S.15-16	N.N.Paulkner	Jan.28,1953	6½	5	160	60	Fresh	F	Till 60;sand 150;clay 200;sand 220;rock 223.
Millbrook	S.Owen s	R.Halford	Apr. 9,1953	4	3		Flows	Fresh	D	Blue clay 135;clay stones.
Millbrook	R.Smith	"	Apr.20,1953	4	3	60	40	"	D	Blue clay 83;gravel 90.
Millbrook	Dept.of Reform Institutions	International Water Supply Ltd.	Jul.27,1953	2	64	5	3	"	T	Topsoil 1;brown clay 3;blue sandy clay 5;gravel sand boulders 7;gravel streaks of fine sand clay 13;soft blue clay gravel streaks 22;cemented sand gravel 32;sandy clay 54;cemented sand gravel 57;boulders gravel sand 59;cemented sand gravel 60;clay streaks of sand 69; clay gravel 71;cemented sand gravel;73;boulders gravel sand streaks of clay 82;clay gravel sand streaks 91;coarse gravel sand boulders clay 97;boulders gravel sand clay 98; clay 100.
Millbrook	S.Olan	N.N.Paulkner	Oct.23,1953	4	1	Flows	Flows	Fresh	D	Grey clay 120;limestone 133.
Millbrook	Can.Legion 402	"	Nov.27,1953	6½	20	Flows	Flows	"	F	Grey clay 98.
Millbrook	A.H.Jeffery	"	Mar.15,1954	6	13	60	Flows	"	D	Topsoil 2;blue clay stone 110;clay gravel shale 121.
Newcastle	C.Barchard	W.Sanderson	Oct. 9,1953	6½	6	40	30	Fresh	D	Old well 38;blue till 48;grey limestone 54.
Newcastle	E.Fisher	"	Oct.17,1953	6½	18		28	"	D	Old well 28;blue clay 40; gravel.
Newcastle	E.L.Allidread	"	Oct.23,1953	6½	12	10	6	"	D	Topsoil 2;blue clay 19;gravel 20.
Newcastle	H.TenDen	"	Oct.27,1953	6½	12	40	30	"	D	Topsoil 2;brown clay 30;blue clay 47;grey limestone 55.
Newcastle	G.Kimball	"	Dec.17,1953	6½	30	15	11	"	D	Old well 20;blue clay 40;gravel 42.
Newcastle	H.V.Bonathan	"	Dec.19,1953	6½	20	22	14	"	D	Old well 21;blue clay 45;gravel 46.
Newcastle	M.Farrow	"	Dec.26,1953	6½	3	60	30	"	D	Old well 30;fine sand 76;grey limestone 78.
Newcastle	H.Jose	"	Dec.31,1953	6½	10	50	31	"	D	Old well 18;blue clay 75;grey limestone 77.
Newcastle	G.B.Ferguson	"	Jan.11,1954	6½	5	20	11	"	C	Old well 16;blue clay 33;coarse gravel 34.
Newcastle	C.Finley	"	Feb.12,1954	6½	13	35	12	"	D	Old well 20;soft blue clay 62;dark limestone 63.
Newcastle	R.B.Richard	N.N.Paulkner	Jun.18,1954	6½	14	20	8	"	D	Topsoil 2;brown clay stones 20;clay 40;gravel 42.
Newcastle	P.R.Rowe	"	Jun.19,1954	6½	14	40	29	"	D	Dug well 29;clay stones 54;gravel 56.
Newcastle	T.W.Enwright	"	Jun.23,1954	6½	8	20	8	"	D	Dug well 21;grey clay 40;gravel 42.
Newcastle	J.A.Smith	"	Jun.23,1954	6½	8	30	20	"	D	Topsoil 1;clay boulders 10;grey clay 45;gravel 48.
ELGIN COUNTY. Aldbrough Twp. Con VII lot A	L.D.Lalonde	R.M.Campbell	Jul.16,1953	2	2/3		115	Fresh	D	Gravel 15;grey clay 198;sand cemented gravel 230;hardpan clay gravel 250;grey shale 263;limestone 265.
Con XIII " 7	N.McNichol	Palenkas Bros.	Sep.17,1953	4½	1½	231	20	"	P	Topsoil 3;white clay 182;sand gravel 190;soapstone 231.
EDBF Con B " 21	G.Nethercott	W.J.George	Nov. 2,1954	5	4	150	18	"	D,S	Clay stones 90;quicksand 106;clay 110;quicksand changing from gravel to large stones 150.
WD Con I " 8	S.King	R.McGaffey	Nov. 8,1954	4		140	70	"	D,S	Topsoil 7;blue clay 138;hardpan 146; Dry mole.
WD Con I " 8	"	"	Nov.17,1954	4	1	140	70	"	D,S	Sandy topsoil 8;blue clay 140;hardpan 162;gravel 163.
Bayham Twp. Con II lot 25	A.Procenko	G.Warren	May 4,1954	6½	5	75	70	Sulphur		Topsoil 3;putty sand 17;putty clay 44;blue clay 260;large boulder 262;blue clay 264;sand gravel 266;grey limestone 274. Abandoned.
Con IV " 23	J.Gyemi	"	Aug.26,1954	4	3	67	40	Fresh	D,S	Yellow sand 15;grey clay 38;soft clay 60;fine running sand 82.
Con VIII " 27	P.Porter	"	Dec.13,1954	4	3	85	70	"	D	Clay 35;yellow sand 75;sand 102.
Con IX " 6	S.Loughleam	E.Hoover	Aug.11,1953	5	3	50	50	"	D	Sand 10;red clay 50;blue clay 100;clay stones 140;white sand 145.
Dunwich Twp. Con XII lot 19	H.Bratt	R.Lather	Oct. 7,1954	4	1	120	100	Fresh	F	Clay 45;hardpan stones 129;sand 132;hardpan stones 145;grey clay 183;hardpan stones 203;pink clay 215;hardpan stones 231;limestone 234.
Malahide Twp. Con IV lot 9	G.Percy	E.Hoover	Dec.29,1953	4	2½	100	80	Fresh	D,S	Sand 5;blue clay 65;sand 125;hardpan 155;sand 235;blue clay; 285;black shale 295.

ELGIN COUNTY-cont.  
Malahide Twp.cont.

Con VIII	lot 1	L.Arris	H.Stewart	Dec.31,1954	6	2	130	45	Fresh	P	Top soil 2;blue clay 42;gravel blue clay 198;fine sand 207.
Con VIII	" 14	H.West	E.Hoover	Oct.24,1953	4	3	70	60	"	D,S	Red clay 60;sand 90;sand stones 110;hardpan 130;sand 160; gravel 165.
Con VIII	" 15	Aylmer Publ.	International	Mar.16,1953	2			31	"	T	Grey clay boulders 12;fine grey sand 50;fine grey sand fine gravel 67;fine grey sand coarse gravel 81;grey clay 90.
Con VIII	" 16	UtilitiesComm	Water Supply Ltd.	Mar.23,1953	2			30	"	T	Top soil 2;grey clay 20;fine grey sand very dirty streaks of clay 82;coarse gravel 84;grey clay 90;coarse gravel coarse sand 110;hard cemented fine sand fine gravel 117;hard-packed fine sand fine gravel 121;grey clay 125.
Con VIII	" 16	"	"	Jun.22,1953	2	10		31	"	T	Top soil 5;sandy grey clay boulders 30;sand grey clay fine gravel 60;fine grey sand 79;hard clay gravel 131.
Con VIII	" 16	"	"	Jun.26,1953	5½				"	T	Top soil 5;brown clay boulders 15;grey clay boulders 33;sandy grey clay fine gravel 56;fine sand very dirty silt 65;grey clay gravel 94;hard cemented gravel 95;hard clay gravel 143.
Con VIII	" 16	"	"	Aug.25,1953	2	10		37	"	T	Topsoil 4;sandy grey clay 19;fine grey sand 57;fine sand fine gravel 80;grey clay fine gravel 133.
Con VIII	" 16	"	"	Aug.28,1953	2	12		27	"	T	Topsoil 5;sand grey clay fine gravel 25;fine grey dirty sand 72;fine grey sand fine gravel 80;fine sand fine gravel 84; grey clay fine gravel packed hard 130.
Con VIII	" 17	"	"	May 10,1953	5½				"	T	Top soil 3;brown clay boulders 11;sandy grey clay 77;soft clay sand gravel 88;coarse sand very dirty gravel 92;clay gravel 120;cemented gravel 122; grey clay fine gravel 130.
Con VIII	" 17	"	"	Jul.28,1953	2			41	"	T	Top soil 3;brown sandy clay 7;sandy grey clay 21;grey clay gravel 40;coarse gravel sand 44;hard cemented gravel 46; coarse sand gravel 66;hard cemented sand gravel 69;fine sand very dirty fine gravel 78;fine sand hard cemented fine gravel 79;sandy grey clay fine gravel 143.
Con VIII	" 17	"	"	Aug.20,1953	5½				"	T	Top soil 7;sandy grey clay 19;very dirty fine grey sand 70; grey clay fine gravel 84;hard cemented fine gravel 86;sandy grey clay fine gravel 92;fine grey sand very dirty fine gravel 97.
Con VIII	" 20	"	"	Jul.22,1953	2				"	T	Top soil 5;coarse grey sand 9;hard cemented fine gravel 70; coarse sand fine gravel 88;grey clay fine gravel 98;very dirty fine gravel grey sand 122;grey clay gravel 132;grey clay 174.
Con VIII	" 21	"	"	Mar.30,1953	2	30		18½	Fresh	T	Top soil 3;very dirty brown sand 5;grey clay boulders 55;hard cemented sand gravel 75.
Con IX	" 10	H.Martin	E.Hoover	Nov. 1,1954	4½	4	50	40	Sulphur	D,S	Red clay 70;sand stones 100;blue clay 140;hardpan 200;blue clay 260;sand stones 280;sand 284;shale rock 285.
Con IX	" 18	B.Anderson	"	Nov.18,1954	5½	5	50	40	Fresh	D,S	Red clay 60;blue clay 229;gravel 230.
Con IX	" 20	Aylmer Publ.	International	Jul.16,1953	2			31	"	T	Top soil 4;grey clay boulders 31;very dirty fine grey sand 63; quite dirty fine sand fine gravel 80;grey clay fine gravel 122;hard cemented fine grey sand 142;grey clay 153.
Con IX	" 21	"	"	Apr.20,1953	5½				"	T	Top soil 3;brown sandy clay 10;sand grey clay fine gravel 48; grey clay gravel 56;hard cemented grey sand fine gravel 104; very dirty fine grey sand 111;very dirty fine grey sand fine gravel 138;grey clay gravel 154;hard cemented gravel 155; grey clay 164. Abandoned.
Con IX	" 21	"	"	Apr.23,1953	2	30		5	Fresh	T	Top soil 2;brown sandy clay 3;fine grey sand 7;sandy grey clay boulders 45;very dirty fine grey sand fine gravel 50;grey clay fine gravel 102;grey sand fine gravel 146.
Con IX	" 21	"	"	Apr.28,1953	5½				"	T	Top soil 3;sandy grey clay 26;sandy grey clay boulders 38;soft sandy grey clay fine gravel 77;sandy grey clay 89;very dirty grey sand fine gravel 93;grey clay boulders 103;hard grey clay fine gravel 112;hard grey clay 152.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ELGIN COUNTY-cont. Malahide Twp.cont. Con IX lot 21	Aylmer Publ. UtilitiesComm.	International Water Supply Ltd.	Jul. 6, 1953	5½					T	Top soil 6;sandy grey clay boulder 30;very dirty fine grey sand 41;grey clay gravel 50;fine hardpacked sand 56;grey clay fine hard-packed gravel 100;fine hard-packed very dirty grey sand 195;grey clay fine gravel 197;grey clay 204.
Con IX " 21	"	"	Jul. 9, 1953	5½					T	Top soil 6;grey clay silt 31;sandy grey clay fine gravel 33;hard cemented gravel 81;hard clay fine gravel 153.
Con IX " 21	"	"	Jul.13,1953	5½					T	Top soil 4;sandy grey clay boulders 62;fine grey sand fine gravel 65;sandy grey clay fine gravel 70;sand grey clay fine hard-packed gravel 112;hard grey clay fine gravel 147.
Con IX " 21	"	"	Jul.21,1953	2	12	22	15	Fresh	T	Top soil 3;sandy grey clay 31;coarse grey sand 74;hard cemented coarse gravel 78;grey clay hard-packed gravel 92;grey clay gravel 138;grey clay 148.
Con IX " 21	"	"	Aug. 6, 1953	2	20		13½	"	T	Top soil 4;brown clay boulders 19;grey clay gravel 29;grey coarse sand coarse gravel 83;grey clay gravel 143.
Con IX " 21	"	"	Aug.12,1953	5½					T	Top soil 7;sandy grey clay 52;very dirty fine grey sand 78;very hard cemented fine sand fine gravel 83.
Con IX " 21	"	"	Aug.18,1953	5½					T	Top soil 5;sandy grey clay 44;very hard cemented sand fine gravel 46;grey sand fine hard-packed gravel 98;fine grey sand fine gravel 113;grey clay fine gravel 161.
Con IX " 24	"	"	Apr. 3, 1953	5½					T	Top soil 2;silty grey clay boulders 17;grey clay fine gravel 66;grey clay silt fine gravel 86;fine gravel very dirty hard cemented sand 98; fine gravel hard cemented 107;grey clay fine gravel 202½.
Con IX " 24	Pearson Bros.	E.Hoover	Aug.20,1954	5½	10	21	18	Fresh	D,S	Blue clay 60;sand 110;blue clay 170;gravel 197.
Con IX " 26	Aylmer Publ. UtilitiesComm.	International Water Supply Ltd.	Apr. 8, 1953	5½					T	Top soil 1;brown sand 6;grey clay gravel 53;very dirty fine grey sand 85;soft sandy grey clay 91;very dirty fine grey sand 120;sandy grey clay 153;grey clay 164.
Con IX " 27	"	"	Apr.14,1953	2	60		6	Fresh	T	Top soil 3;brown sand 8;hard grey clay gravel 65;very dirty fine sand 81;very dirty hard-packed fine gravel 91;hard-packed fine gravel 96;sandy grey clay 132.
Con IX " 28	E.Rule	W.L.McBeth	Dec.23,1954	5½	5	60	15	"	D,S	Brown clay 40;sticky sand 150;quicksand 185;gravel 190.
Con IX " 22	L.Scharff	"	Oct.10,1953	5½	5	20	10	"	D	Brown clay 10;blue clay 15;sand 40;hardpan 46;gravel
T.R.N. " 77	B.Benius	E.Hoover	Jul.16,1953	5	3	60	40	Sulphur	D	Red clay 50;blue clay 80;hardpan 84.
T.R.N. " 79	H.Ingram	"	Jun.13,1953	5	2½	20	20	Fresh	D	Red clay 20;blue clay 48;gravel 49.
T.R.S. " 78	R.Paraconiak	"	Jul. 7, 1954	5½	4	43	31	"	D	Clay 50;gravel 51.
T.R.S. " 78	R.Wellwood	"	Sep. 2, 1954	5½	3	30	20	"	D	Sand 10;red clay 30;sand gravel 45;sand 47.
T.R.S. " 79	C.Hotchkiss	"	Nov.21,1953	5	1½	48	35	"	D	Sand 10;red clay 38;blue clay 43;sand 50.
T.R.S. " 80	GrandUnion-Carroll's Ltd.	"	Feb.12,1954	5½	4	28	18	"	C	Sand 8;clay 57;sand 58.
South DorchesterTwp. Con VII lot 3	G.Stirton	W.L.McBeth	Jul.29,1953	5½	5	25	12	Fresh	D,S	Red clay 4;very hard sand 80;clay w/very hard stones 89;gravel.
Con VII " 3	R.Lucas	"	Aug.11,1953	5½	5	15	7	"	D,S	Clay large stones 38;yellow sand 66;mixed sand and gravel 69;gravel 71.
Con VII " 21	M.Pettit	E.Hoover	Apr.26,1954	5½	5	105	105	Sulphur	D,S	Sand gravel 5;clay 20;sand gravel 35;clay 45;sand 120;sand gravel 254;gravel 255.
Con VIII " 3	T.Farrow	W.L.McBeth	Sep.15,1953	5½	6	55	30	Fresh	S	Brown clay stones 15;blue clay 30;hard sand 95;hardpan 101;gravel
Con VIII " 16	A.McCallum	"	Mar. 5, 1954	5½	5	95	35	"	D	Clay stones 50;yellow sand 140;hardpan 145½.
Con XI " 10	K.Widner	E.Hoover	Sep.11,1953	5	2		50	"	D	Clay 80;sand clay 110;blue clay 130;sand gravel 135.
Southwold Twp. Con D lot 2	A.Andrews	C.Warren	Aug.11,1954	4	5	50	45	Sulphur	D,S	Clay 138;gravel sand 149;clay sand gravel 275;limestone 278.
Con V " 10	P.Thomas	R.Lather	Oct.28,1954	4	7½	50	50	Fresh	D,S	Clay 195;hardpan stones 281;sand gravel 297;gravel 303.



ELGIN COUNTY-cont.  
Southwold Twp.cont.  
LRN R II lot 16

		E.C.Gliddon	H.Stewart	Aug.18,1953	6							Yellow sand 4;blue clay 90;white clay gravel 130;blue clay 180;rock or boulder 188;clay gravel 223;gravel 223;rock 226;black shale 270;white limestone 318.Dry hole.
TREB,NS	" 45	Jun Oil Co	C.Warren	Mar.23,1954	4			40				Clay gravel 23;sand 27;clay 152;clay gravel sand 225; boulders 230;clay 250. Well abandoned.
TRNB,ES	" B	C.J.Austin	"	Dec.23,1954	4	5		26	Fresh	D		Clay 162;sand gravel 173.
TRNB,ES	" D	G.Gruffner	"	Apr.30,1954	4	3	60	14	"	C		Clay 148;clay gravel sand 268;gravel 273.
TRNB,NS	" 3	ReliancePetrol	F.L.Davidson	Oct.12,1953	4	5	120	50	"			Fill 10;clay 174;gravel 176.
TRNB,NS	" 19	E.F.Caldwell	R.Lather	Sep. 7,1954	4	6	70	35	"	D,C		Sand 10;grey clay 110;hardpan stones 267;fine sand 272; sand gravel 283;gravel 284.
TRNB,SS	" 29	D.McLeod	C.Warren	Jan.18,1954	4	3	37	27	"	D,S		Clay 238;sand gravel 253;clay 258;gravel 268;grey limestone 269.
URS, RI	" 15	M.Dielman	H.Stewart	Jun.30,1953	5	5	120	110	"	D,S		Yellow sand 75;blue clay 130;sand clay 220;coarse sand clay 228;grey clay gravel 248;gravel 250.
URS, RI	" 15	"	"	Jul. 3,1953	5	5	120	110	"	D,S		Yellow sand 75;blue clay 130;sand clay 220;coarse sand clay 228;grey clay gravel 248;gravel 250.
Springfield		Aylmer Publ. Utilities Comm	International Water Supply Ltd.	May 6,1953	2	20		2	Fresh	T		Top soil 6;grey clay boulders 22;grey sand fine gravel 26 hard grey clay gravel 50;hard cemented gravel 51;grey clay gravel 77;very dirty fine grey sand 108;grey clay gravel 111;hard grey clay 136.
Springfield		H.Arthur	W.L.McBeth	Jun.25,1953	5 1/2	5	12	4	"	D		Brown clay 4;grey clay stones 18;gravel.
Springfield		S.Bughrner	"	Sep.29,1953	5 1/2	6	30	15	"	D		Hard brown clay 15;blue clay 25;dry putty sand 101;hardpan stones 114;gravel.
Springfield		L.Brown	"	Oct. 5,1953	5 1/2	5	30	15	"	D		Clay 40;hardpan stones 50;gravel.
Springfield		M.Craik	E.Hoover	Dec.20,1953	5	3	30	28	"	D		Red clay 40;blue clay 90;sand gravel 107.
Springfield		G.Charlton	"	Jul.29,1954	5 1/2	4	22	18	"	D		Blue clay 60;sand gravel 80;gravel 100.
Springfield		R.Smith	"	Aug.26,1954	5 1/2	3	20	11	"	D		Red clay 40;sand stone 80;blue clay 100;sand 101.
Springfield		S.Pilex	"	Sep.24,1954	5 1/2	3	80	25	"	D		Red clay 20;sand 70;blue clay 90;sand gravel 100;gravel 101.
Springfield		J.Bain	"	Nov.17,1954	4 1/2	4	25	20	Sulphur	D		Red clay 40;clay gravel 45;sand gravel 70;sand 120;clay 150; clay gravel 190;gravel 201;clay 209;sand 222;rock 223.
Vienna		School	E.Hoover	Oct.31,1953	5	3	160	80	Sulphur	P		Sand 10;red clay 50;blue clay 130;clay stones 150;blue clay 240; black shale 245.
Yarmouth Twp. Con II	lot 1	E.Beamish	H.Stewart	Jun.16,1953	6			85	Fresh	D		Sandy clay 5;silt sand 21;blue clay 90;clay gravel 160;grey clay 185;coarse gravel clay 202;sand 205.
Con IV	" 1	London & Port Stanley Ry.	International Water Supply Ltd.	Oct.21,1954	5 1/2					T		Brown clay 5;grey soft greasy clay 7;streaked very fine streaks of sand 17;streaks of sand harder clay 33;grey clay 38;sand grey clay small stones 48;grey clay stones 56.
Con IV	" 1	"	"	Oct.22,1954	5 1/2					T		Top soil 3;brown sandy clay 16;brown sand silt 27;sandy grey clay small stones 45.
Con IV	" 1	"	"	Oct.25,1954	5 1/2					T		Top soil 2;very dirty brown sand 7;brown sandy clay 16;fine grey sand silt 21;sand grey clay 27;very sticky sandy grey clay 38.
Con IV	" 1	"	"	Oct.26,1954	5 1/2					T		Top soil 8;fine grey sand silt 20;sandy grey clay stones 31.
Con IV	" 1	"	"	Oct.27,1954	5 1/2					T		Brown sandy clay 16;grey sand silt 20;soft sandy grey clay 27;hard grey clay 31.
Con IV	" 1	"	"	Oct.29,1954	5 1/2					T		Top soil sandy grey clay muck 3;grey sand silt 15;grey clay stones 31.
Con IV	" 6	O.L.Sanders	E.Hoover	Apr.23,1954	5 1/2	5	5	5	Fresh	D		Sand 10;clay 76;gravel 77.
Con V	" 4	F.Andrews	"	Dec.21,1953	5	4	3	3	"	D		Red clay 50;clay stones 70;sand gravel 75.
Con VI	" 2	W.S.Parsons	"	Jun.28,1954	5 1/2	3	110	65	"	D		Red clay 20;blue clay 159;gravel sand 160.
Con VI	" 3	E.Titterington	"	May 26,1954	5 1/2	3 1/2	90	63	"	D,S		Red clay 30;blue clay 152;sand gravel 153.
Con VIII	" 3	"	"	May 7,1954	5 1/2	3 1/2	90	45	"	D In		Red clay 20;blue clay 134;gravel sand 135.
Con X	" 12	School S.#23	"	Jul.19,1954	4	5	120	100	"	P		Red clay 120;sand 200;blue clay 225;sand 290;blue clay 304; gravel 305.
Con XII	" 13	C.Hooper	C.Warren	Aug.30,1954	4	3	85	72	"	D,S		Clay 58;sand 82;clay gravel 87;gravel sand 144.
TRN	" 62	O.Laur	E.Hoover	Oct.12,1953	5	3	55	55	"	D,S		Yellow clay 60;stones clay 80;gravel sand 85.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>ELGIN COUNTY-cont.</b>										
<b>Yarmouth Twp.cont.</b>										
TRN lot 63	K.Hall	E.Hoover	May 23, 1953	6	2		50	Fresh	D	Yellow clay 60; grey sand 80.
TRS " 64	H.Wondstra	H.Stewart	Oct. 3, 1953	6			40	"	D	Clay 30; blue clay 35; sand clay 75; gravel clay 78; gravel 80.
TRS " 68	A.J.Elliott	W.L.McBeth	Dec. 30, 1953	4 1/2	6	110	65	Sulphur	D	Red clay 15; blue clay 65; white sand 250; gravel 252; bedrock.
TRS " 72	J.Stanait	H.Stewart	Oct. 23, 1953	6 1/2			24	Fresh	D, S	Sand 6; clay 70; clay sand 74; fine sand 84.
<b>ESSEX COUNTY.</b>										
<b>Anderson Twp.</b>										
Con I lot 5	Church/Dwight	C.Laramie	Jul. 30, 1953	6	50	28	23	Fresh	In	Blue clay 47; shale sand 50; brown limestone 53.
Con III " 1	T.O.Wismer	F.A.Hutchins&Sons	Jul. 5, 1953	3	7	25	17	Sulphur	S	Yellow clay 20; blue clay 50; hardpan 56; blue clay 62; gravel 76.
Con III " 8	D.M.Shust	L.J.Leveque	Sep. 22, 1954	4	6	40	10	Fresh	S	Yellow clay 12; blue clay 72; soft limestone 76.
Con IV " 1	L.Mailloux	F.A.Hutchins&Sons	Aug. 22, 1953	3	4	30	22	"	D, S	Yellow clay 20; blue clay 60; hardpan 65; snell rock 76.
Con IV " 5	C.Nickolson	L.J.Leveque	Jun. 23, 1954	2	5	15	12	Sulphur	S	Yellow clay 8; blue clay 60; limestone 70.
Con IV " 7	C.E.Nickolson	F.Hunter	Aug. 10, 1953	3	5	70	15	"	D	Blue clay 63; flint 105.
Con IV " 10	P.Groundin	D.Sundin	Jan. 2, 1953	2			13	"	D, S	Clay 64; gravelly sand 70.
Con IV " 13	J.Gufica	F.Hunter	Sep. 10, 1953	3	5	6	6	"	S	Blue clay 63; flint 64.
Con V " 2	P.Bondy	F.A.Hutchins&Sons	Aug. 19, 1953	3	5	20	16	Fresh	D, S	Yellow clay 20; blue clay 60; hardpan 64; blue clay 66; coarse gravel 68.
Con V " 2	L.Beaudoin	"	Aug. 21, 1953	3	6	18	18	"	D, S	Yellow clay 17; blue clay 47; hardpan 52; blue clay 59; hardpan 61; coarse gravel 63.
Con V " 3	AndersonTwp.	L.J.Leveque	Jul. 14, 1954	2	5	17	16	"	D	Yellow clay 8; blue clay 50; gravel 61; limestone 65.
Con VI " 11	W.Imeson	D.Sundin	Oct. 5, 1954	3	20	30	9	Sulphur	D	Clay 60; clay stones 65; gravel stones 67.
Con VII " 11	P.Surowak	L.J.Leveque	Apr. 26, 1954	2	5	20	20	Fresh	D, S	Yellow clay 8; blue clay 86; gravel sand 91; limestone 96.
Con VIII " 7	P.Gerard	"	Jul. 3, 1953	2	5	18	18	"	D	Yellow clay 8; blue clay 75; limestone 76.
Con VIII " 7	L.Souigny	"	Aug. 19, 1953	2	4	15	15	"	D	Yellow clay 10; blue clay 81; limestone 84.
Con VIII " 7	E.Cox	"	Aug. 31, 1953	2	6	11	10	"	D	Yellow clay 10; blue clay 55; limestone 59.
Con VIII " 14	E.Shepley	"	May 15, 1953	2	5	20	20	"	D	Clay 90; gravel 98; rock 100.
<b>Colchester North Twp.</b>										
Con VIII lot 13	P.Vincent	F.Hunter	Jun. 4, 1954	3	5	22	20	Sulphur	D, S	Blue clay 38; fine sand 99; flint 105.
Con VIII " 15	A.Ruston	M.Abbott	Jul. 9, 1953	2	6	78	17	Fresh	D	Clay 50; sand 52; clay 90; quicksand 92; hard rock 95.
Con IX " 16	J.Oates	L.J.Leveque	Aug. 24, 1953	2	4	19	18	"	D	Yellow clay 8; blue clay 112; rock 116.
Con X " 4	W.Malenfant	W.C.Johnson	Jun. 17, 1953	2	3	12	10	"	D	Clay 60; sand 70; blue clay 95; rock 101.
Con X " 17	D.Coil	F.Hunter	Mar. 23, 1954	3	5	28	28	Slightly Sulphur	D	Blue clay 112; flint 115.
Con XI " 1	School	L.J.Leveque	Aug. 16, 1954	3 1/2	4	50	10	"	P	Yellow clay 10; blue clay 70; gravel 80; limestone 84.
Con XI " 1	School	"	Aug. 20, 1954	3 1/2			10	Sulphur	D	Yellow clay 11; blue clay 68; gravel 80; limestone 85. Abandoned.
Con XII " 12	C.Wright	F.Hunter	Jan. 30, 1953	3	5	60	60	Fresh	D	Blue clay 50; fine sand 55; blue clay 120; flint 122.
Con XIII " 12	D.Wright	"	Jul. 17, 1953	3 1/2	5	58	58	"	In	Blue clay 123; flint 128.
Con XIV " 10	H.Lafferty	L.J.Leveque	Sep. 8, 1953	2				"		Yellow clay 10; blue clay 106; boulders gravel 125; granite 145. Dry hole.
MRN " 20	G.Shipley	Hernandes & Son	Sep. 25, 1953	3	12	40	28	Slightly Sulphur	D	Loam 1; yellow clay 6; blue clay 65; limestone 70.
MRS " 21	G.Lester	M.Abbott	Jul. 15, 1953	2	3		5 1/2	Fresh	D	Clay 55; clay gravel 66; soft rock 68 1/2.
<b>Colchester South Twp.</b>										
Con II lot 1	R.Crawford	L.J.Leveque	Sep. 24, 1953	2	5	23	22	Fresh	D	Yellow clay 10; blue clay 88; limestone 96.
Con II " 1	R.Hart	Hernandes & Son	Jan. 21, 1954	2	3	40	22	"	D	Loam 1; yellow clay 12; blue clay 70; sandy clay 80; sand gravel 93; limestone 101 1/2.
Con II " 11	N.Catherwood	D.Sundin	Apr. 7, 1954	3	4 1/2	22	Flows	"	D	Black soil 2; yellow sand 5; blue clay 45; quicksand 92; shale sand 96; grey limestone 111.
Con II " 14	R.Beaudoin	L.Sundin	Jun. 25, 1954	2	4		10	"	D	Clay 18; sand 40; clay 80; rock 82.
Con II " 14	C.M.Herdman	"	Jul. 23, 1954	2	4		8	"	D	Clay 14; stone 16; sand 80; rock 87.

ESSEX COUNTY-cont.  
Colchester South 2  
Twp.cont.

	Con III	lot 9	A.Gall	Hernandez & Son	Dec.24,1954	2	7	17	7	Fresh	D In	Top soil 1;yellow sand 17;quicksand 30;sand gravel 83;medium gravel 92;coarse gravel 105;loose limestone 110.
	Con III	" 16	M.McKee	C.Laramie	Dec.10,1953	6	15	55	10	Slightly	S	Yellow clay 12;brown clay 21;stony clay 55;brown limest.100.
	Con IV	" 4	B.Wilson	Hernandez & Son	Nov.25,1953	2	15	20	14	Sulphur	D	Loam 1;blue clay 20;sand 60;gravel sand 90;gravel 103;limest.117.
	Con IV	" 6	H.Reidegir	"	Mar.27,1953	2	6	12	7	Fresh	D	Loam 1;yellow clay 17;blue clay 70;sand 36;gravel 88.
	Con IV	" 6	H.Papke	"	Apr. 3,1953	2	5	25	12	Mineral	D,S	Loam 1;yellow clay 16;blue clay 72;sand 63;gravel 90.
	Con IV	" 8	E.Grippitt	"	Oct.28,1953	3	5	20	15	Fresh	D	Loam 1;yellow clay 6;blue clay 60;gravel clay 100;limest.105.
	Con IV	" 11	P.Bajak	L.Sundin	May 19,1953	2	5			"	D,S	Clay 18;stone 25;gravel 38.
	Con IV	" 11	K.Mallard	D.Sundin	Jun.17,1953	2	9	15	Flows	"	D,S	Clay 20;sand 25;clay 35;sand gravel 88;grey limestone 92.
	Con IV	" 17	G.Ford	"	Jul. 7,1954	3	24	30	6	"	D	Clay 50;sand 60;gravel 62.
	Con IV	" 17	D.Edmonds	"	Oct.28,1954	3	24	30	6	Sulphur	D	Clay 35;sand 60;clay hardpan 68;sand 77;shale sand 80; grey limestone 95.
	Con V	" 7	D.Warner	Hernandez & Son	Jul.24,1954	2	10	14	9	Fresh	D	Top soil 1;yellow clay 15;blue clay 90;quicksand 92;coarse gravel 94;limestone 96.
	Con V	" 7	L.Labombard	"	Dec.15,1954	2	5	15	9	"	D	Loam 1;red clay 12;blue clay 80;sand 90;limestone 94.
	Con V	" 15	G.P.Boley	L.Sundin	Aug.24,1954	2	4			Slightly	D	Clay 50;sand 60;clay 65;grey limestone 70.
	Con VI	" 1	E.Druicillard	L.J.Leveque	Apr.28,1953	2	5	20	20	Fresh	D	Yellow clay 10;blue clay 85;gravel 90;rock 94.
	Con VI	" 4	E.Shepley	"	Jun.23,1953	2	5	16	16	"	D	Yellow clay 9;blue clay 84;limestone 88.
	Con VI	" 4	S.Bolus	Hernandez & Son	Oct.23,1954	2	5	25	16	"	D	Top soil 1;yellow clay 12;blue clay 75;sand 85;shell rock 86;sandy clay 90;limestone 98.
	P.C.	" 42	M.Dragonitch	"	Aug.29,1953	2	12	12	7	"	D	Loam 1;yellow clay 9;blue clay 67;limestone 72.
	P.C.	" 42	M.Graf	"	Jul. 9,1954	2	7	11	6	Sulphur	D	Top soil 1;yellow sand 20;quicksand 32;blue clay 77;black shale 79;limestone 82.
	P.C.	" 43	F.Burr	"	May 28,1953	2	9	17	9	Fresh	D	Loam 1;yellow clay 7;blue clay 70;gravel 73;limestone 76.
	P.C.	" 46	J.Stomp	"	Jan.15,1953	2	5			Flows	In	Black loam sand 21;quicksand 88;limestone 103.
	P.C.	" 47	S.Robarts	L.J.Leveque	Jun.15,1953	2	5	15	14	Fresh	D	Yellow clay sand 5;blue clay 55;fine sand 79;limestone 62.
	P.C.	" 48	O.C.Fingen	D.Sundin	Sep.24,1954	4	7	30	3	Sulphur	D	Clay 8;sand clay 30;clay 40;sand clay 73;gravel clay hardpan 77;brown limestone 83.
	P.C.	" 49	J.Peters	Hernandez & Son	Jan. 3,1953	4	3			Flows	D	Yellow sand 6;quicksand 86;gravel 88.
	P.C.	" 49	L.Chomos	D.Sundin	Apr.29,1954	3	8	25	1	"	D	Sandy soil 5;clay 35;quicksand 35;sand gravel 67.
	P.C.	" 54	Holy Family Retreat League	Hernandez & Son	Feb. 6,1953	2	6	20	16	"	D	Yellow sand 17;quicksand 60;sand gravel 106;shell rock 107; sand gravel 120;shale broken rock 121.
	P.C.	" 54	E.King	D.Sundin	Jun.24,1953	2	10	20	16	"	D	Sandy soil 13;quicksand 20;clay 45;clay sand 80;quicksand 121;grey limestone 122.
	P.C.	" 54	A.Butler	"	Oct.12,1953	3	3			Sulphur	D,S	Sandy soil 8;clay 35;grey sand 80;clay sand 90;quicksand 120;gravelly sand 124;dark-grey limestone 126.
	P.C.	" 62	J.Hunt	D.Sundin	Jun.23,1954	3	8	30	24	Sulphur	D	Clay 30;sand clay 40;quicksand 86;grey limestone 97.
	P.C.	" 68	J.Pelgar	L.J.Leveque	Jun.10,1953	2	6	23	22	Fresh	D	Yellow clay 8;fine sand 98;limestone 104.
	P.C.	" 68	F.Gerscher	Hernandez & Son	Nov.17,1953	2	15	28	20	"	D	Loam 1;yellow sand 14;grey sand 40;quicksand 52;blue clay 88;sand 98;limestone 101.
	P.C.	" 68	C.Jupp	"	Jul.21,1954	2				"	D	Top soil 1;yellow sand 20;quicksand 35;blue clay 85;sand gravel 87;shell rock 89;quicksand.
	P.C.	" 68	J.Kulkowski	"	Jul.28,1954	2	5	35	21	Fresh	D	Top soil 1;yellow clay 23;dry sand 40;blue clay 88;hardpan 94;sand 97;limestone 99.
	P.C.	" 69	V.Grayer	D.Sundin	May 30,1953	2	1	70	26	"	D	Clay 10;sand 35;clay sand 80;sand 96;grey limestone 108.
	P.C.	" 70	P.Tremblay	"	May 16,1953	2	4	23	21	"	D	Clay 10;gravelly sand 38;clay 75;sand clay 92;grey limest.93.
	P.C.	" 70	I.Pitzak	L.J.Leveque	Jun. 4,1953	2	6	22	22	"	D	Yellow clay 10;fine sand 98;limestone 103.
	P.C.	" 70	N.Waters	L.Sundin	Sep.14,1953	2			22	"	D	Stone 7;sand 135;rock 156.
	P.C.	" 70	A.Harrison	Hernandez & Son	Nov.10,1953	2	15	26	18	"	D	Yellow sand 8;grey sand 18;sand gravel 25;blue clay 85;sand gravel 97;limestone 102.
	P.C.	" 70	P.Williams	"	Mar. 6,1954	2	3	25	17	"	D,C	Loam 1;yellow sand 12;blue clay sand 60;sandy clay 80; quicksand 100;limestone 102.
	P.C.	" 70	E.Feldman	"	May 2,1954	2	4	24	16	"	D	Loam 1;clay 6;sand 30;blue clay 80;sand 103;limestone 113.
	P.C.	" 70	D.Cohen	L.J.Leveque	May 16,1954	2	5	28	24	"	D	Yellow clay 8;fine sand 96;limestone 101.
	P.C.	" 70	J.T.Prime	"	Jul. 7,1954	2	5	25	24	"	D	Yellow clay 6;fine sand 98;limestone 101.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY-cont. Colchester South Twp. cont.										
P.C. lot 71	R. Mousseau	L. Sundin	May 11, 1953	2			19	Fresh	D	Clay 84; sand 88.
P.C. " 71	G. Paul	Hernandez & Son	May 12, 1953	2	6	25	21	"	J	Yellow sand 10; light gray sandy gravel 30; grey quicksand 64; coarse sharp gravel 30; fine gravel 33; limestone 91.
P.C. " 71	G. Lucuda	"	May 18, 1953	2	5	32	26	"	D	Loam 1; yellow clay 8; blue clay 16; sand 70; gravel clay 69; sand 95; limestone 98.
P.C. " 71	P. Amerman	L. Sundin	Jun. 23, 1953	2	5		18	"	J	Dry sand 35; clay 80; sand 86; rock 93.
P.C. " 71	C. Farris	"	Jul. 21, 1953	2	5		18	"	J	Dry sand 86; sand gravel 88; rock 95.
P.C. " 71	H. Rogers	Hernandez & Son	Sep. 7, 1953	3	12	32	22	"	D	Loam 1; yellow clay 6; yellow sand 17; grey sand 30; quicksand 46; blue clay 80; sand gravel 98; limestone 162.
P.C. " 71	W. Shepley	D. Sundin	Mar. 22, 1954	3	5	26	23	"	D	Black soil clay 35; sand clay 70; quicksand 80; hardpan 93; grey limestone 110.
P.C. " 71	H. Ferris	L. Sundin	Sep. 20, 1954	2	5		22	"	D	Clay 30; sand 65; clay 75; sand 91; rock 93.
P.C. " 71	L. Rayner	D. Sundin	Nov. 25, 1954	2				"	D	Clay 25; fine sand 123; shale rock 125; sand clay 127; grey limestone 157. Dry hole.
P.C. " 72	E. Wright	L. J. Leveque	Jul. 15, 1953	2	3	35	22	"	D	Fine sand 103; limestone 111; granite rock 115.
P.C. " 74	L. S. Sumley	D. Sundin	Aug. 27, 1953	2	17		9	"	D	Clay 15; sand 20; clay 50; sand 75; clay sand 50; gravel 84.
P.C. " 74	C. L. Martin	L. Sundin	Jul. 13, 1954	2	4		8	"	D	Dug well 12; sand 94; rock.
P.C. " 76	T. K. Bibb	D. Sundin	Sep. 19, 1953	3	6		7	"	D	Clay 8; yellow sand 10; gravelly sand 15; quicksand 72; gravel hardpan 74; grey limestone 81.
P.C. " 80	J. H. Cornwell	L. Sundin	Sep. 10, 1954	2	5	22	11	"	D	Clay 75; sand 82; gravel 86.
P.C. " 87	P. J. Kappen	L. J. Leveque	Jun. 7, 1954	2	5	5	4	"	D	Yellow clay 6; blue clay 16; fine sand 70; limestone 74.
P.C. " 90	C. E. Ellis	Hernandez & Son	Jun. 5, 1954	2	4	24	2	"	D	Loam 1; yellow clay 6; blue clay 55; sand gravel 61; shale 64; limestone 80.
68 P.C. " 91	R. Leonard	"	Jun. 2, 1954	2	10	5	1 1/2	"	D	Top soil 1; yellow clay 20; blue clay 58; quicksand 63; blue clay 74; limestone 78.
P.C. " 91	J. E. Worrell	"	Mar. 27, 1954	2	5	15	1 1/2	"	J	Red clay 9; blue clay 35; stone boulders 37; blue clay 55; blue clay stones 57; gravelly clay 63; sand gravel 66; limestone 73.
P.C. " 92	W. Russelo	L. Sundin	Jun. 29, 1953	2	5		3	"	D	Clay 60; sand 66; rock 75.
P.C. " 92	N. Bondy	Hernandez & Son	Feb. 8, 1954	2	6	20	14	"	J	Loam 1; yellow clay 26; blue clay 73; limestone 75.
P.C. " 93	R. J. Dallard	D. Sundin	Jul. 4, 1953	2	10	15	2	"	D	Sandy soil 3; clay 55; gravelly sand 58; gravel hardpan 59.
P.C. " 93	G. Chittle	L. Sundin	Jul. 8, 1953	2	3		5	"	D	Clay 70; sand 72; rock 82.
P.C. " 93	B. Evans	"	Jul. 30, 1953	2	5		4	"	J	Clay 66; sand 68; rock 75.
P.C. " 93	D. Stothard	"	Oct. 6, 1953	2	5	5	2 1/2	"	D	Yellow clay 65; sand 67; limestone 76.
P.C. " 93	G. Gibb	D. Sundin	Oct. 30, 1953	2	10		1	"	D	Clay 55; gravel 61.
P.C. " 93	E. Arner	Hernandez & Son	Sep. 21, 1954	2	5	15	8	"	D	Loam 1; red stony clay 7; blue stony clay 55; sandy blue clay 75; limestone 77.
P.C. " 93	D. Phillips	L. J. Leveque	Oct. 15, 1954	2	5	12	6	"	D	Yellow clay 7; blue clay 54; gravel 70; limestone 74.
P.C. " 93	A. C. Fairchild	Hernandez & Son	Nov. 3, 1954	2	5	15	6	"	D	Loam 1; red clay 9; stony blue clay 65; shell limest. 68; sand gravel clay 74; loose limestone 77.
P.C. " 94	S. J. Cochrane	L. Sundin	Jun. 11, 1953	2	5		6	"	D	Clay 74; limestone cutting 76.
P.C. " 94	T. Doherty	"	Jul. 13, 1953	2	3		6	"	D	Clay 74; sand 76; rock 80.
P.C. " 94	O. Levergood	Hernandez & Son	Apr. 3, 1954	2	8	15	8	"	D, S	Top soil 1; yellow clay 20; blue clay 70; fine sand 71; sandstone 78; limestone 83.
P.C. " 94	J. Smith	"	Sep. 16, 1954	2	5	15	6	"	D	Loam 1; red clay 10; blue clay 55; sand 62; shale 75; limestone 77.
P.C. " 94	"	"	Sep. 17, 1954	2	6	15	7	"	D	Topsoil 1; stony red clay 12; stony blue clay 60; blue clay 70; fine sand limestone 80; limestone 93.
P.C. " 94	"	"	Sep. 18, 1954	2	6	15	7	"	D	Loam 1; stony red clay 12; blue clay 57; sand 65; loose limest. 75.
P.C. " 94	"	"	Nov. 26, 1954	2	5	15	7	"	D	Top soil 1; red clay 7; blue clay 65; sand 75; loose limest. 77.
P.C. " 95	R. Ferguson	D. Sundin	Apr. 9, 1953	2	4	20	Flows	"	D	Clay 55; gravel sand 60; grey limestone 70.

ESSEX COUNTY-cont.

Colchester South

Twp. cont.

P.C.	lot 95	B.W. McKeen	D. Sundin	May 2, 1953	2	8	10	5	Fresh	D	Clay 67; sand gravel 70; rock
P.C.	" 95	H.J. Taylor	"	May 9, 1953	2	3	25	5	"	D	Clay 55; sand 72; grey limestone 74.
P.C.	" 95	Suchawesky	"	Jul. 2, 1953	2	5	25	1	"	D	Clay 49; hardpan 54; clay sand 59; gravelly sand 61; grey limest. 70.
P.C.	" 95	N. Levergood	Hernandez & Son	May 28, 1954	2	3	30	12	"	C	Top soil 1; yellow clay 20; stony blue clay 50; quicksand 76; limestone 88.
P.C.	" 97	J.B. Cruise	L.J. Leveque	Sep. 7, 1954	2	6	10	4	"	D	Fine sand 10; gravel sand 78; limestone 81.
P.C.gore	" 1	B. Eede	D. Sundin	Feb. 4, 1953	2	3		18	"	D,S	Clay 18; quicksand 110; clay hardpan 12; quicksand 125; grey limestone 129.
P.C.gore	" 1	B. Howie	"	Mar. 11, 1953	2	3		22	"	D,S	Clay 75; quicksand 85; clay 90; quicksand 112; clay hardpan 126; gravelly sand 130.
P.C.gore	" 5	G. Grayer	Hernandez & Son	Jul. 22, 1953	2	12	55	35	"	D,S	Black loam 1; red clay 7; blue clay 48; mixed sand clay 102; blue clay 120; limestone 126.
P.C.gore	" 6	D. Fielding	D. Sundin	Feb. 12, 1953	2	2 1/2		0	Slightly	D	Clay 97; sand 101; grey limestone 109.
P.C.gore	" 6	C.N. Clarke	L.J. Leveque	Jul. 9, 1953	2	3	13	18	Sulphur	D	Yellow clay 10; blue clay 104; fine sand 114; limestone 118.
P.C.gore	" 6	"	L. Sundin	Sep. 23, 1953	2	5		6	"	D,S	Clay 80; sand 103; limestone 105.
P.C.gore	" 6	"	"	Sep. 29, 1953	2	5		6	Fresh	D	Clay 80; sand 102; rock 109.
P.C.gore	" 7	S. Greenham	Hernandez & Son	Jun. 17, 1953	2	10	22	18	"	D	Loam 1; yellow clay 12; blue clay 90; fine sand 112; gravel 116 1/2.
P.C.gore	" 7	A.D. Byron	L. Sundin	Oct. 26, 1954	2	5		7	"	D	Red sand 8; fine sand 90; clay 110; sand 112; rock 113.
P.C.gore	" 12	J. Huezal	Hernandez & Son	Oct. 23, 1953	2	18	16	10	"	D	Loam 1; yellow sand 13; grey quicksand 55; clay 73; gravel 73 1/2; sand 90; gravelly clay 117; grey limest. 120; black stone 122; brown stone 123.
P.C.gore	" 14	Dom. Science Lab	"	Oct. 8, 1954	10	80	28	14	"	Ir	Top soil 1; yellow sand 14; sandy gravel 30.
P.C.gore	" 16	A. Affleck	"	Feb. 4, 1954	2	20	22	16	"	D	Black earth 1; yellow clay 40; blue clay 60; quicksand 110; shale 115; shell rock 118; limestone 128.
P.C.gore	" 17	J.A. Murray	L. Sundin	Jun. 3, 1953	2	4		6	"	D,S	Sand 7; fine sand 12; clay 65; fine sand 120; rock 122.
P.C.gore	" 18	A. Herniman	Hernandez & Son	Jul. 21, 1954	2	20	15	7	"	T	Top soil 2; yellow clay 15; stony blue clay 30; sand gravel 40; blue clay 68; quicksand 101; coarse gravel 106.
P.C.gore	" 18	"	"	Oct. 1, 1954	7	65	95	7	"	Ir	Loam 1; red clay 6; blue clay 28; sandy clay 56; hardpan 62; blue clay 85; sand 99; gravel 106 1/2.
P.C.gore	" 19	E.N. Brush	"	Oct. 18, 1954	2	8	15	Flows	"	D	Top soil 1; blue clay 16; quicksand 90; sand 98; gravel 100.
Gosfield North Twp.											
Con VI	lot 5	E. Ross	J. Sundin	Aug. 9, 1954	3	33	20	16	Fresh	D,S	Clay 55; gravel sand 60; fine sand 103; gravel sand 110.
Con VI	" 11	J. Shura	M. Abbott	Aug. 30, 1954	2	5	15	9	Sulphur	D,S	Clay 8; sand gravel 10; blue clay 70; quicksand 78; gravelly clay 85; quicksand 90; grey rock 96.
Con VII	" 24	A. Watson	M.J. Williams	Aug. 24, 1954	3	17	20	3	Fresh	D	Clay 50; sand 120; gravel 122.
Con VII	" 2	H. Taylor	D. Sundin	Aug. 20, 1954	2	4		19	"	D,S	Clay 42; sand 44; clay 74; gravel 80; clay 87; gravel sand 96.
Con VII	" 6	P. Damm	Heil Bros.	May 4, 1954	2	1 1/2	35	35	Sulphur	D	Clay 20; blue clay 70; sand 75; blue clay 115; sand 122; soapstone 150
Con VII	" 21	E. Collins	Hernandez & Son	Nov. 13, 1954	2	5	15	8	Fresh	D	Loam 1; yellow sand 8; quicksand 50; gravel 57.
Con VIII	" 25	J. Will	M.J. Williams	Oct. 28, 1953	3	5	Flows	Flows	"	D,S	Sand 5; clay 80; sand hardpan 80.
Con IX	" 23	H. Graves	W.J. Johnson	Apr. 24, 1953	2		Flows	Flows	"	D,S	Dark clay 3; red clay 13; blue clay 63; fine sand 73; clay 98; med. sand 103; rock 130.
Con X	" 18	D. Nelson	W.C. Johnson	Feb. 27, 1953	2	1	15	12	"	D	Sand 8; clay 90; sand 104; rock 108.
Con XI	" 11	A. Elias	Wicks & Hawkes	Oct. 5, 1954	3	6	25	22	"	D,S	Previously drilled 10; sand 120; dark grey rock 127.
Con XI	" 15	A. Knight	F. Hunter	Jul. 9, 1953	3	5	28	28	Sulphur	S	Blue clay 106; flint 109.
TRN	" 264	V. Simard	M. Abbott	Jul. 1, 1954	2	5	15	10	Slightly Sulphur	D	Gravel 6; blue clay 24; sandy clay 66; quicksand 70; gravelly sand 87; limestone 92 1/2.
TRN	" 267	J. Scott	P. Hunter	Dec. 3, 1953	3	5	15	10	Fresh	D,S	Blue clay 65; fine sand 90; gravel 94.
TRN	" 268	H. Scott	G.M. Sundin	Apr. 8, 1953	2	3	18	9	"	C	Gravel 8; clay 50; quicksand 114; gravel 114 1/2.
TRN	" 269	W. Chambers	P. Hunter	Oct. 23, 1953	3	5	21	21	"	D	Blue clay 90; quicksand 126; flint 128.
TRN	" 269	W. Lefevre	"	Sep. 13, 1954	3	5	23	23	"	D	Blue clay 115; fine sand 119; flint 121.
TRN	" 270	D. Queen	W.C. Johnson	Jan. 20, 1953	2	2		131	"	D	Clay 60; sand gravel 68; clay stone 115; rock 118; sand stone 123; sandstone 131.
TRN	" 270	K. Newman	M. Abbott	Sep. 10, 1953	2	1	120	14	"	D	Clay 40; quicksand 42; gravelly clay 90; quicksand 124; hard rock 140
TRN	" 270	J. Gregg	P. Hunter	Oct. 13, 1953	3 1/2	5	35	35	"	D	Blue clay 100; fine sand 121; flint 130.
TRN	" 270	E. Jackson	"	Apr. 23, 1954	3	5	21	21	"	D	Blue clay 105; sand 123; flint 126.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY-cont. Gosfield North Twp.cont.										
TRN lot 270	R. Newman	D. Sundin	Jul. 30, 1954	3	5	30	16	Fresh	D	Clay 80; sand clay 110; gravel sand 114; gravel sand stones 117.
TRN " 270	School S#15	P. Hunter	Nov. 9, 1954	3 1/2	5	42	42	"	P	Blue clay 115; fine sand 124; flint 127.
TRN " 274	A. Lapointe	"	Feb. 24, 1953	3	5	42	42	"	D	Gravel 2; blue clay 130; gravel 131.
TRN " 274	A. Prince	"	Jul. 16, 1954	3 1/2	5	42	42	"	D	Blue clay 130; sand 131; flint 133.
TRN " 275	C. Johnston	"	Jul. 1, 1953	3	5	53	53	"	D	Blue clay 126; fine sand 134; flint 140.
TRN " 275	Essex Breeders	M. J. Williams	Sep. 1, 1953	3	8	40	32	Sulphur	S	Clay 112; hardpan 122; limestone 127.
TRN " 275	E. Lonsbury	P. Hunter	Dec. 2, 1954	3	5	60	46	Fresh	D	Gravel 10; blue clay 100; fine sand 134; flint 136.
TRN " 279	L. Code	"	Sep. 23, 1953	3 1/2	5	49	49	Mineral	D	Blue clay 100; sand gravel 128; flint 131.
TRN " 279	A. Bennett	Heil Bros.	Aug. 30, 1954	4	2	50	50	Fresh	D	Clay 60; sand 65; blue clay 100; gravel 105; clay 122; shale 124; gravel 129; grey rock 131.
TRN " 280	M. Burstyn	P. Hunter	Oct. 29, 1953	3 1/2	5	50	50	"	D	Blue clay 114; fine sand 116; flint 119.
TRS " 264	G. Pittapice	"	Sep. 21, 1954	4	5	15	15	Sulphur	D	Blue clay 50; sand 86; flint 92.
TRS " 266	M. Scratch	M. Abbott	Jun. 22, 1953	2	2	20	5	Fresh	D	Clay 7; blue clay 60; clay gravel 80; quicksand clay gravel 92; rock 95.
TRS " 266	J. Tillson	P. Hunter	Jul. 6, 1953	3	5	12	12	"	D	Blue clay 63; gravel 66.
TRS " 266	A. Robinson	D. Sundin	Oct. 21, 1954	3	15	30	5	"	D	Clay 10; sand clay 30; gravelly sand 48; gravel clay hardpan 56; fine sand 80; gravel 88.
TRS " 269	Cottam Baptist Church	P. Hunter	Apr. 6, 1953	3	5	35	35	"	P	Blue clay 110; stones sandy clay 132; flint 135.
TRS " 270	Municipal Bldg.	"	Mar. 30, 1953	3	5	35	35	"	P	Blue clay 110; stones sand 132; shale 133; flint 158.
TRS " 270	M. Jammon	"	Sep. 3, 1954	3	5	60	42	"	D	Blue clay 120; fine sand 127; flint 129.
TRS " 271	A. Kassex	W. C. Johnson	Aug. 13, 1953	2	8	39	35	"	D, C	Sand 12; clay 100; sand rock 125; clay 131; sand 144; rock 148.
TRS " 271	J. Folster	P. Hunter	Sep. 30, 1953	3 1/2	5	37	37	"	D	Blue clay 120; stones sand 131; flint 134.
TRS " 271	H. Mills	"	Nov. 12, 1954	3 1/2	5	36	36	"	D	Blue clay 117; sandy gravel 139; flint 141.
TRS " 274	A. Cowan	"	Aug. 19, 1953	3	5	60	60	"	D	Gravel 10; Blue clay 130; fine sand 136.
TRS " 277	G. Zaverfny	"	Sep. 17, 1953	3 1/2	5	53	50	Mineral	D	Blue clay 100; fine sand 129; flint 134.
TRS " 277	H. Wells	"	Jun. 24, 1954	3 1/2	5	60	45	Fresh	D	Blue clay 110; sand 126; flint 131.
TRS " 279	W. E. Russell	"	Nov. 18, 1953	3 1/2	5	50	50	"	D, S	Gravel 10; blue clay 128; flint 134.
Gosfield South Twp.										
Con II lot 8	S. Thorre	G. M. Sundin	Aug. 9, 1954	3	6	24	14	Fresh	D	Clay 50; sand 103; dark shale 114.
Con II " 1	J. Barnett	"	Nov. 18, 1953	3	4		14	"	D, S	Clay 44; quicksand 116; shale 117; sand 120; very fine sand 126; rock 133.
Con II " 1	"	"	May 27, 1954	3	7	8	8	"	D, S	Old well 22; mixed fine sand clay 120; grey shale 126; fine sand 130; limestone 131.
Con II " 4	A. Repko	D. Sundin	Nov. 19, 1953	4	2 1/2	60	15	Slightly Sulphur	D, S	Clay 30; sand 50; clay 70; sand 83; grey limestone 140.
Con II " 4	"	"	Aug. 27, 1954	4	2 1/2	60	15	"	D, S	Previously drilled 140; grey limestone 175.
Con II " 8	P. Wenzler	M. J. Williams	Jan. 25, 1953	8	67	18	12	Fresh	Ir	Sand 12; quicksand 25; clay 45; quicksand 48; sand clay hardpan 135; limestone 186.
Con II " 8	H. Peterson	C. Laramie	Sep. 6, 1954	8	42	150	24	"	"	Soil 3; stones gravel 5; sand 15; hard sharp sand 102; sandy clay 120; quicksand 135; hardpan 140; sand 145; shale 149; brown limest. 159; coarse grey limest. 190; brown and white limest. 215; brown limest. 250; grey limest. 275; dark brown and white limest. 330; brown limest. gypsum 340; light brown and white limest. 360; hard brown sandstone 425; white quartz 426; hard brown limest. 445; grey limest. 470; hard brown limest. 475. Abandoned.
Con II lot 8	H. Peterson	C. Laramie	Sep. 20, 1954	8	20	180	20	Fresh	"	Soil 4; limest. shell 5; sand 20; quicksand 40; white sand 130; blue clay 140; dirty gravel sand 142; quicksand 155; sandstone 175; brown limest. 200. Abandoned.
Con II " 8	"	"	Sep. 28, 1954	8	170	35	20	"	Ir	White sand 5; hardpan 20; blue clay 40; sandy clay 45; quicksand 130; sandy clay 139; coarse gravel 140.



ESSEX COUNTY-cont.

Sosfield South

Twp.cont.

Con II	lot	9	B.Clifford	M.J.Williams	Oct. 4, 1953	4	15	30	21	Fresh	D	Sand 155; sandstone 155.
Con II	"	9	A.Duquette	D.Sundin	Jan. 29, 1954	3	15	20	17	"	D	Yellow sand 7; blue clay 35; quicksand 105; clay gravel carapan 130; gravel sand 134; clay gravel hardpan 139; grey limest. 141.
Con II	"	9	Ruthven United Church	Heil Bros.	Oct. 12, 1954	2 1/2	2 1/2	25	23	"	D	Red sand 7; sand gravel 18; stones 18; sand 39; stones 40; sand 50; gravel 82; sand blue clay 83; sand 114; gravel 113; sand 140; hardpan 141; sand gravel 146.
Con II	"	10	L.Kral	C.Warren	Jan. 15, 1953	4	10	52	43	"	D, In	Sand gravel thin clay streaks 157; sandy limestone 167.
Con II	"	10	E.Fox	C.Laramie	Jan. 25, 1954	6	20	110	30	"	In	Sand 16; limestone 19; hardpan 26; side stone 29; blue clay 30; soft soupy clay 72; hardpan 90; soft blue clay 125; red clay 146; sand 147; light brown limest. 150; sandstone 175; brown limestone 180.
Con II	"	10	School	D.Sundin	Aug. 28, 1954	4	4	60	26	"	P	Gravel 7; clay stones 45; fine sand 112; clay gravel hardpan 135; clay sand 142; grey limestone 170.
Con II	"	12	R.Janzen	M.J.Williams	Jan. 30, 1954	3	12	60	40	"	D	Sand clay 162; limestone 177.
Con III	"	C	O.Bresault	G.M.Sundin	Jan. 23, 1953	2	3	50	18	"	D	Clay 64; fine sand 93.
Con III	"	K	W.Kennedy	M.Abbott	Oct. 16, 1954	2	7	20	12	"	D	Dug well 20; clay 39; quicksand 44; clay gravel 80; quicksand 113; hardpan 120.
Con III	"	L	E.Taylor	"	Sep. 30, 1954	2	5	15	10	"	D, S	Dug well 20; clay hardpan 25; clay gravel 60; quicksand 70; clay gravel 105; quicksand 113; shale 126.
Con III	"	M	A.Besant	G.M.Sundin	Nov. 30, 1953	2	4		15	"	D	Clay 26; quicksand 115; rock 125.
Con III	"	M	H.E.Boggs	D.Sundin	Feb. 25, 1954	3	15	20	6	"	D	Sandy soil 2; clay 23; fine sand 70; clay 90; fine sand 105; clay hardpan 110; medium sand 113; limestone 118.
Con III	"	M	J.Frei	M.Abbott	Aug. 19, 1954	3	6	12	4 1/2	"	D	Fine sand 12; hardpan 31; blue clay 70; clay gravel 95; quicksand 111; limestone 113.
Con III	"	M	R.Sanford	L.G.Campbell	Dec. 1, 1954	3						Clay 4; fine yellow sand 7; blue clay 70; stony blue clay 116; fine dirty sand 118; grey limest. 127; brown limest. 129; hard grey limest. 132; medium grey limest. 135; hard grey limest. 138; soft grey limest. 140. Dry hole.
Con III	"	M	"	"	Dec. 15, 1954	3	1	110	8	Fresh	D	Clay 4; fine yellow sand 7; blue clay 60; quicksand 63; stony blue clay 116; dirty fine sand 118; brown limest. 127; soft grey limest. 128; hard grey limest. 130.
Con III	"	I	J.Berg	Hernandez & Son	Oct. 8, 1953	3			30	Sulphur		Loam 1; yellow clay 4; blue clay 72; gravel 74; mixed fine sand clay 95; limestone 102.
Con III	"	7	P.Sutoris	C.Laramie	Apr. 22, 1953	6	2 1/2	25	4	Fresh	Ir, In	Surface 3; blue clay 11; sandy clay 20; quicksand 92; blue clay 104; gravel clay sand 108; hardpan 119; limest. shell 120; fine sand clay 127; shale 129; brown limestone 131 1/2.
Con III	"	8	J.Riska	"	Oct. 8, 1953	6	40	60	12	"	D, Ir	Sand 6; blue clay 35; sandy clay 70; quicksand 135; hardpan 140; brown limest. 145; sandstone 180; brown limest. 208; small vein dark-brown limestone 209; brown limestone 223.
Con III	"	9	G.Dzvirka	"	Oct. 10, 1954	6	50	70	44	"	Ir, In	Sand 40; sand clay 55; fine quicksand 126; blue clay 151; hard limestone 153.
Con IV	"	11	J.Slater	"	Jan. 7, 1954	6	5	14	11	"	D	Dug well 16; soft blue clay 48; hardpan 70; gravel sand 90; quicksand 92; brown limestone 94.
Con IV	"	12	J.Berg	"	Jan. 4, 1954	6	50	23	13	Fresh	D, S	Yellow clay 15; blue clay 35; stones 37; sandy clay 55; hardpan 62; gravel sand 64.
Con IV	"	20	A.G.Fox	"	Sep. 15, 1953	8	400	75	25	"	Ir	Topsoil 3; gravel 7; sand 35; sandy clay 50; quicksand 110; hardpan 123; quicksand 124; hard limest. shell 125; coarse quicksand 126; brown limestone 135.
Con IV	"	20	"	"	Sep. 28, 1953	8	60	75	20	"	Ir	Gravel 8; sand 35; hard blue clay 60; quicksand 107; blue clay 109; very hard limest. shell 112; quicksand 113; brown limestone 255.
Con IV	"	20	J.Kilnik	"	Apr. 20, 1954	6	100	120	30	"	D, Ir	Sand 30; stony blue clay 50; quicksand 100; soft blue clay 120; hardpan 122; sand 124; hard brown limestone 145.
Con IV	"	21	J.Sivy	"	Jul. 28, 1953	6	25	80	50	"	Ir	Dug well 16; sand 60; sandy clay 70; quicksand 160; hardpan 165; hard shell rock 167; quicksand 170; shale 173; brown limest. 176.
Con IV	"	22	G.Whaley	"	Oct. 15, 1954	6 1/2	1	210	75	"	T	Sand 10; quicksand 16; blue clay 55; gravelly hardpan 120; fine sand 179; hardpan 186; fine sand 187; brown limest. 195; sandstone 230; brown limestone 240.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY-cont. Gosfield South Twp.-cont.										
Con V lot 10	I. Augustine	C. Laramie	Jan. 14, 1953	6 1/2	5	24	15	Fresh	D, S	Clay 3; hardpan 30; blue clay stones 64; sand gravel 69.
Con V " 11	W. Zittlau	M. Abbott	Sep. 25, 1953	2	5	73	7	Sulphur	D, S	Clay 12; blue clay 25; quicksand 43; gravelly clay 73; quicksand 82; medium rock 85.
Con V " 12	G. Stevenson	"	Oct. 9, 1953	2	7	11	7	Slightly Sulphur	J	Clay 14; blue clay 27; quicksand 50; clay 63; sand gravel 81; limestone 93.
Con V " 12	C. DePelsmeaker	"	Oct. 15, 1953	2	5	12	7	"	D	Clay 15; blue clay 30; gravelly sand 73; quicksand gravel 70; rock 78 1/2.
Con V " 12	R. Patterson	"	May 11, 1954	2	6	7	3 1/2	"	D, S	Clay 20; gravelly sand 50; clay 64; quicksand 80; gravel 85; hard grey rock 87.
Con V " 12	R. Powel	"	May 14, 1954	2	5	9	3	"	D	Clay 30; gravelly sand 50; clay 65; quicksand 80; gravel 85; rock 88.
Con V " 21	M. Haggith	C. Laramie	Oct. 14, 1953	6	20	100	60	Fresh	D, Ir	Sand 9; sharp sand 30; blue clay sand 90; sharp sand 135; quicksand 155; sandy clay 165; hardpan 172; soupy sand 173; whitish brown limestone 225.
Con V " 21	H. Janzen	M. J. Williams	Feb. 25, 1954	4	8	110	43	"	D, S	Blue clay 50; sand blue clay 159; limestone 179.
Con V " 23	J. Sharp	"	Jul. 19, 1953	8	20	200	7	"	"	Sand clay 180; limestone 600. Not enough water.
P.C., E.D. " 3	A. Cook	C. Laramie	Mar. 16, 1954	6	5	27	12	"	P, In Ir	Yellow sand 8; blue clay 22; quicksand 55; blue clay 60; brown limestone 85; grey limestone 110; brown limestone 155; grey limestone 160; coarse dark brown limestone 183; grey and brown limestone 186. Water gassy.
P.C., E.D. " 4	H. Remark	"	Feb. 21, 1953	10	35	120	18 1/2	Slightly Sulphur	In, Ir	Yellow sand 4; coarse sand 18; blue clay 24; quicksand 58; loose limestone 75; brown limestone 85; grey limestone 95; brown limestone 110; grey limestone 115; hard limestone 120; soft grey limestone 125; hard limestone 140; dark-brown limestone 145; dark-brown and grey limestone 160; soft dark-brown limestone 170; crystal silica 174; very hard brown limestone 180; soft grey limestone 210; soft dark-brown limestone 214; hard light-brown limestone 225; soft dark-brown limestone 250; very hard brown limestone 255; med. brown and grey limestone 275; hard grey sandstone 295; hard brown limestone 330; black and white limestone 331; hard light brown limestone 360; grey limestone 380; hard grey and brown limestone 390; very hard brown limestone 405; soft brown limestone 410.
P.C., E.D. " 5	G. Grasze	P. Hunter	Nov. 5, 1953	3	5	85	35	Fresh	D	Gravel 10; blue clay 30; fine sand 61; flint 87.
P.C., E.D. " 6	G. E. Howe	G. H. Sundin	Oct. 15, 1953	3	6		18	Mineral	In	Dug well 14; quicksand 17; clay 57; rock 99. Water contains gas.
P.C., E.D. " 6	D. Denhart	C. Laramie	Nov. 3, 1953	8	60	40	30	Sulphur	Ir In	Topsoil 4; blue clay 67; shale 69.
P.C., E.D. " 6	K. Brown	"	Jun. 1, 1954	4	7	61	41	Fresh	D	Dug well 12; blue clay 62; limestone 65; sand 68; limestone 75; brown limestone 85.
P.C., E.D. " 8	H. Sellars	"	Oct. 4, 1953	6	150	100	50	Mineral	D, S	Topsoil 5; sand 15; blue clay 102; brown limestone 105. Water contains gas.
P.C., E.D. " 9	A. Gunning	"	Apr. 2, 1954	6	10	21	11	Fresh	P, In	Sand 6; stony blue clay 50; quicksand 115; hardpan 130; brown limestone 131; shaly limestone 135; hard brown limestone 142.
P.C., E.D. " 10	E. Fox	"	Jul. 18, 1953	6	150	100	35	Mineral	Ir	Sand 16; hardpan 50; soft clay 55; hardpan gravel 145; soft sandy clay 150; stony hardpan 160; quicksand shale 162; brown limestone 236.
P.C., E.D. " 12	B. Webster	P. Hunter	Apr. 27, 1953	4	5	29	29	Fresh	D, S	Gravel 15; blue clay 75; sand 128; flint 134.
P.C., E.D. " 12	A. Cornich	C. Laramie	Mar. 26, 1954	6	67	70	40	"	Ir, In	Sand 15; stony blue clay 115; sand 119; brown limestone 121.
P.C., E.D. " 13	P. Thieser	M. J. Williams	Feb. 4, 1954	4	8	10		Flows	"	Sand 4; clay 40; hard clay 44; sand 45.
P.C., E.D. " 13	H. MacDonald	"	Aug. 14, 1954	8	53	150	40	"	Ir	Sand clay 140; hard sand 150; limestone 200.
P.C., W.D. " 2	R. Smith	C. Laramie	May 22, 1954	4	25	28	8	"	D	Yellow clay 20; sand 30; stony sandy clay 60; quicksand 90; red hardpan 92; fine sand shale 101; brown limestone 110.
P.C., W.D. " 2	J. Klassen	D. Sundin	Sep. 14, 1954	3	15	30	14	"	D	Clay 15; quicksand 90; gravelly sand 99; grey limestone 101.
P.C., W.D. " 2	G. Creasor	M. G. Sundin	Dec. 6, 1954	3	10	20	12	"	D	Clay 25; sand 105; rock 109.
P.C., W.D. " 7	E. Mixian	"	Mar. 14, 1953	2	8	15	6	"	D	Topsoil 18; clay 54; fine sand 58; rock 62.
P.C., W.D. " 7	S. Calatti	Hernandez & Son	Oct. 31, 1953	2	18	22	18	"	D	Clay 12; blue clay 70; sand 73; shale 77; limestone 79.

ESSEX COUNTY-cont.

Gosfield South

Twp. cont.

P.C., W.D.	lot 7	A. Ulen	M. Abbott	Nov. 26, 1953	2	5	9	8	Fresh	D	Clay 20; blue clay 35; mixed quicksand clay 61; grey rock 67.
P.C., W.D.	" 7	H. DeBlock	"	Oct. 27, 1954	2	6	12	12	"	D	Clay 19; quicksand 20; clay gravel 40; quicksand 55; blue clay gravel 62.
P.C., W.D.	" 7	W. Thurston	"	Nov. 3, 1954	2	6	12	10	"	D	Dug well 16; hardpan 21; blue clay 40; quicksand 42; gravel hardpan 45; gravel 57; grey limestone 63.
P.C., W.D.	" 7	R. Ward	"	Nov. 9, 1954	2	7	12	9	"	D	Black loam 1; clay 32; quicksand 39; sandy clay 55; grey limestone 59.
P.C., W.D.	" 7	L. Benoit	G.M. Sundin	Mar. 23, 1954	3	6	20	1	"	J	Light topsoil 2; lake sand 30; fine sand clay 47; rock 51.
P.C., W.D.	" 10	J. Eisele	D. Sundin	May 29, 1954	4	10	25	11	"	Ir	Clay 36; quicksand 46; clay 51; quicksand 85; sand gravel 83; grey limestone 94.
P.C., W.D.	" 10	H. Campbell	M. Abbott	Jun. 19, 1954	2	3	4	4	Slightly Sulphur	D	Clay 30; sand 45; quicksand 51; gravel hardpan 51.
P.C., W.D.	" 11	Kingsville Golf Club	G.M. Sundin	Oct. 7, 1954	3	20	20	11	Fresh	P	Clay 50; sand 74; grey limestone 74.
P.C., W.D.	" 15	Morris/Gagnon	G.M. Sundin	Jun. 22, 1953	2	7		1	"	D	Clay 2; muck 4; sand 15; clay 36; lake sand 50; rock 53.
P.C., W.D.	" 15	C. David	"	Aug. 12, 1953	2	8	12	2	Mineral	D	Clay 33; sand gravel 50; rock 53; water contains gas.
P.C., W.D.	" 15	R.E. Abram	"	Sep. 1, 1953	2	8	10	2	"	D	Previously drilled 50; limestone 55; water contains gas.
P.C., W.D.	" 16	W. Breault	"	Jan. 6, 1953	2	10	12	1	Fresh	D	Clay 34; sand 43; rock 55.
P.C., W.D.	" 16	M. Reybrack	"	Apr. 23, 1953	2	7	18	1	"	D	Clay 35; fine sand 47; rock 54.
P.C., W.D.	" 16	V. Cox	"	Apr. 26, 1953	2	8	10	5	"	D	Clay 38; quicksand 58; rock 64.
P.C., W.D.	" 16	V.E. Taylor	M. Abbott	Apr. 30, 1953	2	5	18	2	Sulphur	D	Clay 30; sand 50; soft rock 57.
P.C., W.D.	" 16	E.A. Hunter	G.M. Sundin	Aug. 24, 1953	2	7	12	1	Fresh	D	Clay 32; shale 37; water 38.
P.C., W.D.	" 16	J. Midgely	Hernandez & Son	Aug. 26, 1953	2	12	16	12	Sulphur	D	Sandy loam 1; yellow clay 16; blue clay 60; sand 73; limestone 75.
P.C., W.D.	" 16	E. Cox	G.M. Sundin	Mar. 16, 1954	2	4	30	3	Fresh	D	Clay 38; fine sand 55; coarse sand 56.
P.C., W.D.	" 16	J. Simons	M. Abbott	May 1, 1954	2	7	42	3	"	D	Clay 30; sand 52; grey rock 54.
P.C., W.D.	" 16	C. Ruston	G.M. Sundin	Aug. 20, 1954	3	8	15	2	"	D	Clay 36; sand 51; grey limestone 53.
P.C., W.D.	" 16	E.W. Rainey	"	Oct. 21, 1954	3	8	14	2	"	D	Sand 27; blue clay 31; fine sand 42; gravel 43.
P.C., W.D.	" 16	G. Edwards	"	Oct. 23, 1954	3	6	20	4	"	J	Previously drilled 54; soft white limestone 62.
P.C., W.D.	" 22	P. Hopkins	C. Laramie	Aug. 1, 1953	8	50	27	7	Slightly Sulphur	D, In S	Dug well 22; sandy clay 40; blue clay 65; sand 75; brown limestone 80.
P.C., W.D. sec. 4.	6	L. Sundin	D. Sundin	Dec. 15, 1954	4	2	30	18	Fresh	D	Clay 18; sand 60; hardpan 85; fine sand 96; grey limestone 115.
T.R.N. lot 263		J. Larsh	P. Hunter	Jul. 13, 1954	3	5	20	13	"	D	Blue clay 90; gravel 91.
Harrow		E. Besu	L. Sundin	Feb. 4, 1953	2	5		7	Sulphur	D	Gravel 12; water gravel 15; fine sand 108; rock 112.
Harrow		E. Squires	D. Sundin	Mar. 21, 1953	2	4		10	Fresh	D	Sandy soil 3; clay 9; quicksand 108; gravel sand 117; grey limestone 118.
Harrow		D.M. Herdman	L.J. Leveque	May 29, 1953	2	4	29	16	"	D	Yellow clay 8; blue clay 73; fine sand 109; limestone 114.
Harrow		J. Riley	Hernandez & Son	May 30, 1953	2	15	20	16	"	D	Clay 2; blue clay 40; gravel 44; blue clay 70; sand 100; gravel 110; limestone 116.
Harrow		C. Webster	D. Sundin	Jun. 5, 1953	2	10	9	7	"	D	Sandy soil 4; clay 10; clay sand 85; sand 107; grey limestone 111.
Harrow		R. Goslin	"	Jul. 9, 1953	2	8	15	6	"	D	Clay 5; quicksand 20; gravelly sand 60; quicksand 99; gravel 103.
Harrow		A. Cook	Hernandez & Son	Oct. 10, 1953	2	10	22	16	"	D	Loam 1; yellow clay 14; blue clay 72; sand 95; gravel 110.
Harrow		C. Cox	"	Oct. 16, 1953	2	3	27	13	"	D	Black loam 1; yellow sand 4; grey sand 20; quicksand 80; lake sand gravel 110.
Harrow		M. Gruin	D. Sundin	Oct. 21, 1953	2	10		16	"	D	Clay 80; quicksand 105; gravel sand 110.
Harrow		J. Kulbinec	"	Oct. 22, 1953	2	16		15	"	D	Clay 35; gravelly sand 50; quicksand 104; gravel 108.
Harrow		S.M. Clark	L. Sundin	Nov. 4, 1953	2			11	"	D	Yellow clay 15; boulders 20; yellow clay 35; fine sand 106.
Harrow		"	"	Nov. 5, 1953	2				"	D	Yellow clay 15; clay boulders 21; yellow clay 35; sand 100; limestone 124. Dry hole.
Harrow		P. Munger	"	Nov. 18, 1953	2	8		17	Fresh	D	Clay boulders 36; blue clay 95; sand 114; rock 120.
Harrow		A. Kahut	D. Sundin	Dec. 9, 1953	2	2	25	11	Sulphur	D	Clay 7; quicksand 103; gravelly sand 105; quicksand 110; grey limestone 136.
Harrow		J. Leflhock	Hernandez & Son	Dec. 27, 1953	2	4	20	15	Fresh	D	Loam 1; clay boulders 15; blue clay 66; sandy clay 80; sand 100; sandy gravel 110; shale 115; limestone 122.
Harrow		J. Darby	D. Sundin	Jan. 5, 1954	3	5	20	14	"	J	Clay 64; quicksand 116; grey limestone 117; gravel sand 118.
Harrow		R. Reese	Hernandez & Son	Jan. 14, 1954	2	5	25	15	"	D	Loam 1; yellow clay 12; blue clay 75; sand 80; gravel 98; limestone 101.
Harrow		Mitchell Pacific Produce	"	May 20, 1954	3	2	75	12	"	"	Topsoil 1; yellow clay 20; quicksand 70; fine sand 120; gravel 130. Abandoned.
Harrow		W. Clark Ltd.	Dom. Drilling & Equipment Co.	May 21, 1954	3			0	"	T	Sandy loam blue clay 7; blue clay 21; fine sand 67; coarse sand 92; coarse sand gravel 99 1/3; shale.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

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LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY-cont. Harrow	W. Clark Ltd.	Dom. Drilling & Equipment Ltd.	May 27, 1954	3			0	Fresh	I	Sand loam clay 7; hard clay stones 49 1/3; very fine sand 50; coarse sand 98; rock 99.
Harrow	J. Munger	D. Sundin	Jun. 16, 1954	3 1/2	5	30	7	Slightly Sulphur	In	Clay 30; quicksand 103; gravel sand 103; grey limestone 149.
Harrow	J. Brush	Hernandez & Son	Jun. 18, 1954	2	6	15	3	Fresh	D	Black loam 1; yellow clay 14; blue clay 55; sand 100; granite 100.
Harrow	W. Clark Ltd.	Dom. Drilling & Equipment Co.	Aug. 23, 1954	20	260	19	1 1/2	"	In	Clay sand 20; quicksand 67; coarse sand 92; gravel sand 100; rock.
Harrow	A. Ditzend	Hernandez & Son	Oct. 29, 1954	2	6	20	13	"	D	Red clay 16; quicksand 100; gravel 103.
Harrow	P. Kah	"	Nov. 9, 1954	2	5	15	9	"	D	Top soil 1; yellow clay 7; blue clay 55; quicksand 103; sand 119; loose limestone 119.
Harrow	S. Greenham	"	Nov. 11, 1954	2	6	9	Flows	"	D	Top soil 1; red clay 7; blue clay 22; quicksand 50; coarse sand 63; sand gravel 67.
Leamington	D. Esaw	M. J. Williams	Sep. 10, 1953	4	17	35	28	Fresh	In	Red sand 5; quicksand 15; clay 65; sand 114; limestone 131.
Maldstone Twp. BKW Con IV lot 16	D. MacRae	D. MacRae	Apr. 1, 1954	2						Top soil 1; yellow clay 7; blue clay 60; sand 67; blue clay 140; grey limestone 155. Dry hole.
BKW Con IV " 16	"	"	Aug. 1, 1954	2	3	25	11	Slightly Sulphur	S	Black dirt 1; yellow clay 13; blue clay 126; sandy clay 129.
BKW Con VII " 18	P. Renaud	Heil Bros	Jun. 5, 1954	2	2	14	14	Fresh	D, S	Clay 19; blue clay 80; fine sand 89; grey limestone 97.
MRN " 5	E. Markham	F. Hunter	Feb. 14, 1953	3	5	50	50	Sulphur	D	Blue clay 111; flint 123.
MRN " 10	H. Walpole	"	Apr. 15, 1953	3	5	31	31	"	D	Blue clay 95; flint 100.
MRN " 13	A. Watt	F. Hunter	Sep. 3, 1953	3	5	25	25	"	S	Blue clay 92; flint rock 145.
POE " 10	L. Melon	H. LeClaire	Dec. 1, 1953	3	2 1/2	59	9	Slightly Salt	D, S	Sandy top clay 10; blue clay 90; fine sand blue clay 114; fine sand 116.
PCW " 9	G. Lamb	"	Oct. 16, 1954	3	8	60	15	Slightly Sulphur	S	Top soil 2; dark-blue clay 108; black sand 110; hard limest. 166.
TRN " 285	J. Horn	Heil Bros.	Sep. 15, 1954	2 1/2	2	85	81	Fresh	D	Clay 30; sand 33; blue clay 70; gravel 80; clay 110; gravel 115; hardpan 118; clay 122; gravel 123; dark rock 125.
TRN " 285	A. Mayes	"	Sep. 24, 1954	2 1/2	2	82	82	Sulphur	D	Clay 35; sand 40; blue clay 80; gravel 90; blue clay 118; gravel 123; dark grey rock 125.
TRN " 287	T. Walker	F. Hunter	May 5, 1954	3	5	65	65	Fresh	D	Blue clay 126; sand 127; flint rock 124.
TRN " 291	R. Thompson	"	May 30, 1953	3	2	80	40	Sulphur	D	Blue clay 114; flint rock 121.
TRN " 291	M. Kaman	W. C. Johnson	Feb. 12, 1954	2	3 1/2	162	48	Salt	S	Top soil 8; blue clay 106; fine sand 112; limestone 162.
TRN " 292	E. O. Neill	L. J. Leveque	Sep. 18, 1953	2	6	77	57	"	D	Top soil 3; yellow clay 8; blue clay 112; gravel 117; rock 120.
TRN " 287	R. Henricks	F. Hunter	Jul. 23, 1954	3	5	75	75	Fresh	D	Blue clay 131; shale rock 132.
TRN " 288	C. Ellis	"	Oct. 9, 1954	3	5	72	72	"	D, S	Blue clay 130; sand gravel 132; flint rock 133.
TRN " 239	N. Bunn	"	Feb. 5, 1953	3	5	50	50	Sulphur	D	Blue clay 116; flint rock 122.
TRN " 291	R. Drouillard	L. J. Leveque	Oct. 11, 1953	2	3	70	55	Fresh	D	Yellow clay 12; blue clay 113; blue granite 127.
TRN " 293	M. Belleperche	F. Hunter	Jun. 16, 1954	3	5	46	46	Sulphur	D	Blue clay 116; sand 117; flint rock 121.
Malden Twp. C. G.	R. Reid	D. Sundin	Aug. 31, 1953	2	7		3	Fresh	D	Clay 30; sand 35; clay 44; gravel 49; grey limestone 55.
C. G.	"	"	Sep. 7, 1953	2	3		2	"	D, S	Clay 45; sand 46; grey limest. 49; gravel sand 51; grey limest. 72.
C. G.	W. Grogan	L. J. Leveque	Sep. 14, 1953	2	4		2	"	D	Yellow clay 6; blue clay 40; fine sand 45.
C. G.	E. Swimmer	Hernandez & Son	Oct. 28, 1953	3		Flows	Flows	"	S	Black loam 1; yellow clay 18; blue gravel clay 44; limest. 52.
C. G.	N. McCallum	Hutchins & Son	Apr. 19, 1954	4	8	20	2	"	P	Yellow clay 20; blue clay 41; limestone 45.
C. G.	"	"	Apr. 24, 1954	3	8	20	2	"	P	Yellow clay 20; blue clay 41; limestone 45.
Con II lot 21	T. Gray	"	Aug. 25, 1953	3	5	27	27	"	D	Yellow clay 23; sandstone 29; grey limestone 39.
Con II " 22	E. Brown	"	May 29, 1954	4	5	25	21	"	D	Yellow clay 20; blue clay 35; limestone

ESSEX COUNTY-cont.

Malden Twp.-cont.

Con II	lot 24	L. Brown	Hernandez & Son	Jan. 28, 1954	3	5	41	40	Fresh	D	Clay 44; limestone 49.
Con III	" 27	A. Latendiesse	L.J. Leveque	Jul. 28, 1954	3	5	25	22	"	D	Yellow clay 6; blue clay 16; gravel stones 36; limestone 40.
Con III	" 30	C. Atkinson	Hutchins & Son	Jul. 29, 1953	3	10	6	0	"	S	Yellow clay 19; blue clay 31; sandstone 35.
Con V	" 49	E. Paquette	Hernandez & Son	Apr. 26, 1954	3	2	30	15	"	D, S	Brown clay 1; yellow clay 30; blue clay 33; sand 57; limestone 75.
Con VI	" 57	Lake Erie Country Club	L.J. Leveque	Apr. 29, 1953	2	5	4	4	"	P	Clay 4; sand 62; rock 68.
Con VI	" 57	P. Stevens	"	May 8, 1953	2	5	4	4	"	P	Sand 62; rock 68.
Con VII	" 60	S. Cornwall	"	Aug. 7, 1953	2	5	6	6	"	D	Yellow clay 10; blue clay 62; sand 72; rock 75.
Con VII	" 78	D. Bondy	"	Jul. 19, 1954	2	5	22	20	"	D	Yellow clay 6; blue clay 67; gravel 71; limestone 77.
Con IX	" 97	S. Kost	"	Jul. 23, 1954	2	5	23	20	"	D, S	Yellow clay 8; blue clay 80; fine sand 87; limestone 90.
Mersea Twp.											
Con A	lot 8	G. Robinson	M.J. Williams	Sep. 8, 1954	4	17	30	20	Sulphur	In	Clay 60; hardpan 65; sand gravel 70.
Con A	" 9	M. Dales	D. Sundin	Feb. 11, 1954	3						Sandy soil 4; blue clay 62; grey limestone 100. Dry hole.
Con B	" 9	R. Harris	G.M. Sundin	Jun. 24, 1953	2						Clay 46; rock 64. Dry hole.
Con I	" 1	N. Mathis	M.J. Williams	Nov. 14, 1953	4	8	70	18	Fresh	D, In	Clay sand 130; limestone 155.
Con I	" 4	D. McCarthy	C. Laramie	Aug. 9, 1954	8	5	225	55	Slightly Sulphur	Ir	Sand 40; blue clay 75; hardpan 87; sandy clay 106; stiff clay 116; shale 126; limestone 128; quicksand 135; brown limestone 195; dark-brown limestone 220; hard grey limestone 240; hard brown and white limestone 370; very hard brown limestone 410; hard brown limestone 420; soft dark-brown limestone 425; very hard white limestone 427.
Con I	lot 5	W. Simpson	C. Laramie	Jun. 15, 1953	10	150	260	145	Mineral	Ir	Topsoil 4; gravel 8; sand 65; blue clay 82; hardpan 120; blue clay 130 red hardpan 150; white stone hardpan 175; brown limestone 270; dark-brown and sharp limestone 275; light-brown limestone 305; dark-brown limestone 325; sharp limestone sandstone 370; brown limestone 400; grey and brown and white limestone 435; hard dark-brown and white limestone 440; very sharp blue granite 450; hard light-brown limestone 460; grey limestone 465; hard light-brown limestone 470; hard dark-brown and grey limestone 480; hard blue limestone 485; hard brown limestone 495; very hard dark-brown limestone 506; dark-brown limestone 507.
Con II	lot 1	S. Nickels	C. Laramie	Apr. 27, 1954	8	1 1/2	150	95	Fresh	In	Clean gravel 40; cemented sand 60; blue clay 90; hardpan 195; sand 200; brown limestone 207.
Con II	" 4	A. Pennezio	M.J. Williams	Nov. 12, 1954	8	25	140	29	"	In	Red sand 10; clay gravel 137; limestone 200.
Con IV	" 6	D. Stanton	"	Jun. 22, 1954	4	20	20	16	"	P	Blue clay 44; limestone 50.
Con IV	" 7	I. Anderson	A. Wilkinson	Apr. 2, 1953	3	5	20	15	"	D	Clay 43; rock 44.
Con V	" 6	H. Tushy	M.J. Williams	Jan. 22, 1953	3	17	10	5	"	D	Clay 75; hardpan 77.
Con V	" 6	J. Dyck	"	Mar. 18, 1953	3	8	15	3	"	D	Med sand 4; clay 75; sand hardpan boulders 109.
Con V	" 6	G. Clifford	"	Dec. 31, 1953	3	5	4	0	"	D	Clay 84; hardpan 87.
Con V	" 6	B. Brown	"	Sep. 24, 1954	3	17	20	8	"	D	Clay 80; hardpan 85; sand gravel 94.
Con V	" 7	J. Campbell	"	Feb. 28, 1953	3	17	4		Flows	D, S	Yellow sand 4; clay 75; sand hardpan boulders 104; limestone 107.
Con V	" 7	A. Wilson	"	Mar. 14, 1953	3	17	5		Flows	D, In	Yellow sand 4; clay 75; hardpan sand boulders 100.
Con V	" 7	G. Newfield	"	Aug. 20, 1953	3	15	10	2	"	D, In	Red sand 5; clay 80; sand hardpan 116.
Con V	" 7	P. Zozulyk	"	Dec. 4, 1953	3	8	10		Flows	D	Clay 90; hardpan stones 100; gravel 103.
Con V	" 8	G. deMayer	A. Wilkinson	Nov. 4, 1953	3	6	12	8	"	D, S	Clay 76; hardpan 83.
Con V	" 11	A. Wilkinson	"	Jul. 29, 1954	4	10	55	28	"	D, S	Top sand 11; blue clay 78; hardpan 83; grey limestone 94.
Con V	" 13	J. Bonyai	M.J. Williams	Jan. 5, 1953	3	8	25	18	"	D, In	Yellow sand 4; clay 96; hardpan 98.
Con V	" 13	N. Newfield	"	Aug. 19, 1954	4	40	30	22	"	In	Clay 9; hard clay 100; limestone 105.
Con V	" 14	School S. #14	A. Wilkinson	Jan. 4, 1954	3	6	24	18	"	P	Top soil 6; blue clay 94; hardpan 100; black shale rock 109.
Con VI	" 3	J. Martin	A. Wilkinson	Oct. 20, 1953	4	8 1/2	8		"	D, S	Blue clay hardpan 63; gravel 80.
Con VI	" 6	O. Wales	M.J. Williams	Mar. 23, 1953	3	17	10	2	"	D	Yellow sand 4; clay 75; sand hardpan boulders 115; limestone 125.
Con VI	" 6	M. Stockwell	"	Aug. 30, 1953	3 1/2	17	10	3	"	D, In	Red sand 5; clay 80; sand hardpan 116; limestone 126.
Con VI	" 6	Leamington North Unitel-Mennonite Church	"	Feb. 12, 1954	3	17	15	4	"	P	Clay 90; clay hardpan 125; limestone 137.
Con VI	" 8	S. Thomas	A. Wilkinson	Dec. 20, 1953	3	8	14	6	"	D, S	Blue clay 103; black shale rock 113.
Con VI	" 14	L. Warkintine	"	Jan. 2, 1953	3	8	16	14	"	D, S	Clay 60; sand gravel 94; limestone 100.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY -cont. Persea Twp.-cont.										
Con VI lot 15	J. Herman	M.J. Williams	Mar. 8, 1954	3						Blue clay 88; limestone 101. Dry hole.
Con VI " 15	"	"	Mar. 15, 1954	3						Clay 88; limestone 105. Dry hole.
Con VII " 3	S. Gyroki	"	Jul. 15, 1954	3 1/2	33	22	2	Fresh	D,S	Red sand 7; blue clay 35; hardpan sand 99; gravel 100.
Con VII " 5	J. Kocis	"	Apr. 25, 1954	4	30	25	Flows	"	In,S	Clay 93; hardpan sand 107; gravel 138.
Con VII " 6	D. Sheepest	"	Jul. 31, 1953	4	5	35	18	Slightly Sulphur	D	Clay 95; hardpan 114; limestone 144.
Con VII " 6	J.D. McIntosh	D. Sundin	May 15, 1954	3	4	30	23	Sulphur	D	Sandy soil 5; clay 109; grey limestone 150.
Con VII " 7	R. McVicker	M.J. Williams	Jul. 25, 1953	3 1/2	10	25	18	Fresh	D	Clay 77; hardpan 107; limestone 134.
Con VIII " 3	J. Thiesen	"	Feb. 18, 1954	4	17	15	7	Slightly Sulphur	D, In	Clay 86; hardpan 101; gravel 102.
Con XI " 6	E. Wiebe	"	Jul. 24, 1954	3	50	20	12	Sulphur	D	Blue clay 99; limestone 101 1/2.
Con XI " 7	J. Keith	"	Nov. 2, 1953	3	3	20	8	Fresh	D,S	Clay 104; limestone 107.
T.R.N. " 224	C. Kimball	D. Sundin	Nov. 4, 1953	2	20	20	19	"	D,S	Grey clay 102; gravel shale 103.
T.R.N. " 226	E. Pinch	M.J. Williams	Jul. 20, 1954	3	10	25	17	Sulphur	D,S	Red sand 5; blue clay 38; limestone 90.
T.R.N. " 228	P. Lassi	"	Jul. 5, 1954	3	8	25	16	Fresh	D,S	Top soil 5; blue clay 32; limestone 85.
T.R.N. " 229	A. Collari	"	Oct. 25, 1954	4	4	45	24	"	D,S	Blue clay 86; grey limestone 95 1/2.
T.R.N. " 242	Oak Farms	M.J. Williams	Apr. 30, 1953	3	50	15	5	"	Ir	Yellow sand 4; quicksand 8; clay 70; hardpan sand 53; limestone 100.
T.R.N. " 242	N. Maynard	"	Dec. 31, 1954	8	300	16	1	"	Ir	Clay 45; quicksand 63; loose gravel 77; hard gravel 94; limestone 110.
T.R.S. " 242	N. Kurth	C. Laramie	Feb. 9, 1954	6	42	72	12	"	Ir	Surface sand 2; sandy yellow clay 18; soft blue clay 40; red clay 50; stones hardpan 52; sandy hardpan 73; hard brown limestone 86; muddy vein 87.
Rochester Twp.										
BRE Con I lot 12	W. Chavaliere	P. Hunter	May 19, 1954	3 1/2	5	50	12	Sulphur	S	Blue clay 28; fine sand 55; clay 91; flint rock 98.
BRE Con I " 13	D. Melon	H. LeClaire	Oct. 10, 1953	3	4	10	7	Slightly Sulphur	D,S	Clay 9; blue clay 95; hardpan sand 100; brown shale 102.
BRE Con I " 18	A. Marinette	"	May 11, 1954	3	4	3 1/2	3 1/2	Sulphur	S	Clay 40; gravel sand 120; rock 136.
BRE Con I " 20	N. Hillary	P. Hunter	Nov. 17, 1954	4	5	25	15	Sulphur	D	Blue clay 100; fine sand 113; flint rock 115.
BRE Con I " 25	Woodglen United Church	"	Jan. 15, 1953	3	5		13	"	P	Blue clay 123; flint rock 125.
BRE Con I " 25	J. Wilks	"	May 27, 1954	3 1/2	5	28	10	Fresh	D	Blue clay 126; gravel 127.
BRE Con II " 28	W. Dewhurst	W.C. Johnson	May 25, 1953	3	2	15	13	"	D	Red clay 18; blue clay 93; sand 107.
BRE Con IV " 17	O. Bellmore	P. Hunter	Jun. 26, 1953	3	5	15	15	Sulphur	D,S	Blue clay 106; flint rock 109.
BRE Con IV " 25	E. Simons	M.J. Williams	Apr. 9, 1953	3	5	20	10	"	D,S	Clay 85; hardpan 96.
BRE Con VII " 25	Sep. School	"	Apr. 19, 1953	3	17	12	5	Fresh	P	Clay 112; hardpan 114; shale 115.
MRN " 10	B. Ray	H. LeClaire	Jul. 15, 1954	3	25	30	9	Slightly Sulphur	P	Top soil 3; blue clay 70; quicksand gravel 122; brown limestone 157.
MRN " 10	E. Skidmore	M.J. Williams	Jun. 11, 1954	3	33	25	8	Sulphur	S	Clay 113; limestone 115.
MRS " 11	R. Simon	H. LeClaire	Sep. 8, 1953	3	5	15	4 1/2	Fresh	D	Black sandy soil 10; blue clay 63; streaks of hardpan quicksand 110; brown shale 112; fine sand 116.
MRS " 12	J. Skidmore	M.J. Williams	Jun. 8, 1954	3	33	25	8	Sulphur	S	Clay 103; limestone 107.
Sandwich South Twp.										
Con V lot 15	S. Hausen	P. Hunter	May 27, 1953	3 1/2	4 1/2	26	26	Sulphur	D	Blue clay 133; flint rock 134.
Con VI " 7	B. de Vercher	Hernandez & Son	Feb. 13, 1954	3	5	45	30	Fresh	D	Loam 11; yellow clay 5; blue clay 90; sandy clay 115; limestone 117.
Con VI " 15	G. Little	Heil Bros.	Nov. 17, 1954	2 1/2	4	32	30	"	D,S	Sand 60; clay 80; hardpan 81; sand 83; clay 130; gravel 133; sand gravel 140.
Con VI " 16	P. Starr	L.J. Leveque	Aug. 13, 1953	2	3	33	32	"	D	Yellow clay 10; blue clay 144; limestone 140; granite 156.
Con VII " 16	R.A. Craig	"	Jun. 15, 1954	2	5	26	24	"	D	Yellow clay 6; blue clay 120; sand stones 181; limestone 183.
Con VII " 16	A.J. Fairbairn	Hernandez & Son	Dec. 11, 1954	2	4	27	25	"	D	Top soil 1; red clay 8; blue clay 135; sand 160; gravel 162.
Con X " 1	S. Santo	Heil Bros.	Aug. 7, 1954	2 1/2	2	50	48	"	D,S	Clay 25; blue clay 90; stones 100; sand gravel 118; stones 124; grey rock.
Con X " 4	G. Van Eenoo	M. Abbott	Nov. 26, 1954	2	4	35	35	"	D	Clay 22; blue clay 60; hardpan 63; shale 63 1/2; clay 84; hardpan gravel 89; grey limestone 93 1/2.
Con X " 16	M. Andrews	L.J. Leveque	Sep. 17, 1954	2	6	20	16	Sulphur	D	Yellow clay 9; blue clay 130; gravel boulders 133; limestone 146.
Con XI " 1	S. Santo	Heil Bros.	Aug. 7, 1954	2 1/2	2	52	50	Fresh	D,S	Clay 25; blue clay 98; stones 100; sand 118; stones 124; limestone 125.
Con XII " 11	E. McGuire	P. Hunter	Sep. 8, 1953	3	5	30	26	Sulphur	D	Blue clay 100; flint rock 103.
TRN " 292	C. Beaudette	Heil Bros.	Jun. 11, 1954	2	1 1/2	35	35	Fresh	D	Clay 30; blue clay 107; sand 112; rock 115.



ESSEX COUNTY-cont.

Sandwich South

Twp.-cont.

TRN	lot 295	V. Neilson	Heil Bros.	Sep. 7, 1954	4	2 1/2	35	33	Fresh	D, C	Clay 80; gravel 90; clay 105; sand gravel 111; grey rock 112g.
TRN	" 296	R.J. Lenierk	L.J. Leveque	Oct. 2, 1953	2	5	25	25	"	D	Yellow clay 10; blue clay 116; limestone 120.
TRN	" 296	H.J. Kate	F. Hunter	Nov. 21, 1953	3	5	30	30	"	D	Blue clay 113; flint rock 116.
TRN	" 296	J. Montgomery	"	Feb. 10, 1954	3	5	25	25	"	D	Blue clay 105; flint rock 106.
TRN	" 298	P. Adams	W.C. Johnson	Aug. 31, 1953	2	3 1/2	43	35	Slightly Sulphur	D	Blue clay 103; sandstone 112.
TRN	" 302	N. Kavanaugh	L.J. Leveque	Jun. 29, 1953	2	4	30	30	Fresh	D	Yellow clay 10; blue clay 92; gravel 100; limestone 103r.
TRN	" 303	A. Borrowman	"	Apr. 30, 1954	2	5	31	30	"	D	Yellow clay 6; blue clay 118; coarse sand 123; limestone 140.
TRN	" 305	P. Burke	"	Oct. 6, 1954	2	6	45	30	"	D, S	Yellow clay 5; blue clay 100; sand 111; hard limestone 115.
TRS	" 293	A. Belleperche	"	May 13, 1954	2				"		Yellow clay 6; blue clay 100; coarse clay 117; hard granite 137. Dry hole.
TRS	" 303	B. Reeve	"	Jun. 29, 1954	2	5	32	30	"	D	Yellow clay 8; blue clay 120; coarse sand 127; limestone 131.
Sandwich West Twp.											
Con II	lot 63	J. Shoemaker	F. Hunter	Jun. 10, 1953	3	5	12	12	Sulphur	D	Blue clay 114; flint rock 119.
Tilbury North Twp.											
Con II	lot 20	P. Momany	S.H. Smith	Oct. 5, 1953	6	1	32	16	Fresh	D, S	Topsoil 3; yellow clay 16; blue clay 109; gravel hardpan 113.
Con II	" 20	P. Manany	"	Jan. 25, 1954	3 1/2	2 1/2	65	12	"	D, S	Black top soil 3; hardpan 14; blue clay 112; gravel sand 114.
Con IV	" 4	A. Marenette	L.J. Leveque	May 25, 1953	2				"		Yellow clay 10; blue clay 111; fine sand 114; limestone 136. Dry Hole.
Con IV	" 6	W. Marenette	"	Apr. 15, 1953	2	5	16	16	Salt & Sulphur	S	Dug well 120; sand 124; rock 130.
MRN	" 6	Vill. of Comber	M.J. Williams	Oct. 31, 1954	8	75	75	12	Sulphur	P	Clay 129; hardpan 130; gravel 132; shale 134.
Tilbury West Twp.											
Con V	lot 8	W. Nussey	M.J. Williams	May 20, 1954	3	7	25	14	Sulphur	S	Clay 114; limestone 125.
Con XI	" 4	J. Rineast	"	Sep. 3, 1954	3	33	20	10	"	D, S	Clay 92; limestone 94.
MRN	" 6	H. Morham	"	Jun. 18, 1954	3	17	25	12	Salt & Sulphur	D	Clay 122; limestone 125.
MRN	" 6	Vill. of Comber	"	Jun. 21, 1954	3	67	35	12	Sl. Sulph.	P	Blue clay 133; grey shale 133a.
MRS	" 5	N. Buchman	"	May 29, 1954	3	33	23	14	Sulphur	S	Clay 129; limestone 131.
MRS	" 7	Vill. of Comber	"	Jul. 31, 1954	3	8	40	12	Salt		Blue clay 139; limestone 151. Abandoned.

FRONTENAC COUNTY.

Bedford Twp.

Con I	lot 8	W. Fitzgerald	W.H. Davy & Son	Aug. 14, 1954	6 1/2	25	12	8	Fresh	D	Sand 4; red granite 20; black and grey granite 27.
Con II	" 22	E. Rode	"	Jun. 17, 1953	6 1/2	14	22	18	"	D	Clay 3; black and red granite 33.
Con IV	" 16	A.J. Jefferies	"	Apr. 30, 1954	6 1/2	8	27	25	"	D	Sand 3; white limestone 63.
Con X	" 19	R. Goodfellow	J.E. Murphy	Feb. 6, 1953	6 1/2	7	8	6	"	D	Loose granite shale 6; hard red granite 68.
Con X	" 19	F. Able	C.A. McCarthy	Nov. 24, 1954	6 1/2	10	15	12	"	D	Earth 3; red granite 40.
Con XI	" 20	J. Scanlan	"	Jul. 2, 1953	6	1		14	"	D	Loam 8; red sandstone mixed with limestone 50.
Con XI	" 22	H.A. Bresee	"	Apr. 11, 1953	6	10		30	"	D, S	Earth 17; limestone sand 67.
Con XII	" 2	R.D. Patton	"	Jul. 20, 1953	6	2		6	"	D	Earth 4; limestone 26.
Con XII	" 5	J.M. Campbell	"	Sep. 12, 1953	6	1	70	28	"	D	Earth 1; sandy limestone 70.
Con XIII	" 6	C. Vandervorth	W.H. Davy & Son	Feb. 21, 1953	6 1/2	7	56	18	"	D	Sand 12; grey granite 64.
Con XIII	" 8	W.G. Miller	J.E. Murphy	May 27, 1953	6	2	25	14	"	P	Earth 2; seamy granite 10; solid red granite 32.
Con XIII	" 8	P.T. Egbert	"	Dec. 2, 1953	6 1/2	15	42	42	"	D	Gravel 6; red and grey granite 60.
Con XIII	" 18	McCarthy Bros.	C.A. McCarthy	Jul. 30, 1953	6	1		10	"	D, S	Earth 4; red sandstone hard rock 38.
Con XIV	" 11	School	W.H. Davy & Son	Feb. 9, 1953	6 1/2	1	75	10	"	P	Soft brown rotten granite 12; soft red and grey granite 46; grey and red and black limestone white flint 75.
Clarendon Twp.											
Con IX	lot 40	R. Bolton	C. Dufresne	Sep. 30, 1953	2	3		90	Fresh	D	Brown sand 3; grey granite 101.
Con XII	" 35	C. Lamke	"	Sep. 29, 1953	2	4	9	9	"	D	Sand 3; limestone 83.
SWR	" 25	L. Geron	"	Sep. 25, 1953	2	5	22	18	"	D	Brown clay 8; grey granite 138.

Hinchinbrooke Twp.

Con I	lot 25	O. Goodfellow	T. Sigsworth	Jul. 29, 1954	5 1/2	5	65	14	Fresh	D	Sandy soil 4; all colours hard granite 70.
Con III	" 2	H. Brown	W.H. Davy & Son	Aug. 21, 1954	5 1/2	10	30	15	"	D	Loam 9; white limestone 50.
Con IV	" 27	N.B. Howes	C. Dufresne	Jun. 18, 1953	2				"	D	Sand boulders 4; grey and red granite 310. Dry hole.
Con V	" 2	O.D. Cronk	"	Jun. 19, 1953	2	1	80	20	"	D	Sand boulders 7; grey granite 100.
Con V	" 28	H.P. Howes	W.H. Davy & Son	Dec. 2, 1954	6 1/2	7	30	12	"	D	Sand 20; black granite 35; red and grey granite mixed 60.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
FRONTENAC COUNTY-										
cont.										
Hinchinbrooke Twp.-										
cont.										
Con V lot 29	H.C. Whipple	W.H. Davy & Son	Nov. 12, 1954	6 1/2	8	10	5	Fresh	D	Sand 12; quicksand 25; gravel 39; red granite 63.
Con VIII " 22	O. Goodfellow	T. Sigsworth	Sep. 11, 1954	5 1/2	3	10	7	"	D, S	Grey clay 10; grey and red granite 80.
Kennebec Twp.										
Con VII lot 31	R.H. Fleming	C. Dufresne	Oct. 15, 1954	2	4	10	6	Fresh	D	Sand 3; granite 53.
Con IX " 15	E. Neal	C. Goodberry	Oct. 26, 1954	6 1/2	1	30	13	"	D	White limestone 33.
Con X " 16	A. Yule	W.H. Davy & Son	Jun. 8, 1954	6 1/2	8	20	13	"	D	Clay 4; white limestone 26; granite 35.
Con I " 19	K.S. Kelsey	L.B. Macdonald	Aug. 8, 1953	6 1/2	1	71	29	"	D	Soil 6; granite 71.
Kingston	B. Brooks	W.H. Davy & Son	Feb. 18, 1953	6 1/2	7	33	10	Fresh	D	Clay gravel 27; limestone 43.
Kingston	E.L. Martin	L.B. Macdonald	Jul. 19, 1953	6	29 1/2	5	5	"	D	Brown clay 3; blue limestone 60.
Kingston	U. Lawson	W.H. Davy & Son	Aug. 17, 1953	6 1/2	10	20	15	"	D	Shale rock 13; blue limestone 63.
Kingston	Aulrey/Johnston	"	Aug. 20, 1953	6 1/2	25	8	5	"	D	Sand 19; blue limestone 56.
Kingston	V. Smith	"	Aug. 24, 1953	6 1/2	25	8	5	"	D	Sand 19; blue limestone 47.
Kingston	W. Clay	"	Aug. 26, 1953	6 1/2	20	8	5	"	D	Sand 22; blue limestone 56.
Kingston	T. Mayhew	"	Oct. 16, 1953	6 1/2	19	34	13	"	D	Clay 3; soft shale 15; blue limestone 57.
Kingston	H. Tisdale	"	Mar. 16, 1954	6 1/2	10	15	14	"	D	Clay 6; blue limestone 50.
Kingston	H. Deano	"	Jun. 24, 1954	5 1/2	10	30	20	"	D	Clay 6; limestone 66.
Kingston	J. Barticieu	G.H. Davey	Sep. 7, 1954	5 1/2	30	10	10	"	D	Blue limestone 25.
Kingston	W. Kemp	W.H. Davy & Son	Dec. 1, 1954	6 1/2	18	18	12	"	D	Blue limestone 65.
Kingston Twp.										
Con I lot A	L.S. Raven	C. Goodberry	Sep. 6, 1954	6 1/2	20	38	12	Sulphur	P	Brown clay pebbles 5; grey limestone 47.
Con I " A	Can. Petrofina	W.H. Davy & Son	Sep. 15, 1954	6 1/2	20	11	9	Fresh	C	Blue clay 6; blue limestone 75.
Con I " 5	J. Tarrens	"	Oct. 20, 1953	6 1/2	23	46	19	"	D	Loam 2; hard blue limestone 68.
Con I " 5	H.J. Hunter	"	Oct. 22, 1953	6 1/2	14	26	12	"	D	Blue limestone 50.
Con I " 5	T. Travers	"	Oct. 27, 1953	6 1/2	20	24	12	"	D	Blue limestone 54.
Con I " 5	S. Clark	"	Nov. 26, 1953	6 1/2	20	29	16	"	D	Soft shale 16; blue limestone 56.
Con I " 5	J. Albertson	"	Sep. 17, 1954	6 1/2	7	30	20	"	D	Shale limestone 3; blue limestone 60.
Con I " 6	C. Perry	R.C. Wales	Dec. 23, 1953	5 1/2	7	14	14	"	D	Clay shale 8; limestone 50.
Con II " 1	D. Lee	W.H. Davy & Son	Mar. 2, 1953	6 1/2	7	15	12	"	D	Shelly rock 8; blue limestone 62.
Con II " 1	B. McCann	"	Mar. 11, 1953	6 1/2	7	20	15	"	D	Clay 7; limestone 51.
Con II " 1	A. Irwine	"	Mar. 17, 1953	6 1/2	7	20	20	"	D	Clay 7; limestone 47.
Con II " 1	J. Skinner	"	Mar. 21, 1953	6 1/2	7	25	20	"	D	Clay 8; limestone 57.
Con II " 1	W.J. Cary	"	Aug. 24, 1953	6 1/2	10	15	10	"	D	Clay 5; limestone 44.
Con II " 1	W. Grant	"	Dec. 8, 1953	6 1/2	12	30	20	"	D	Clay 4; blue limestone 51.
Con II " 1	W.G. Leonard	"	Apr. 15, 1954	6 1/2	20	18	14	"	D	Blue limestone 74.
Con II " 1	A. Koghill	R.C. Wales	Sep. 29, 1954	5 1/2	1	63	12	"	D	Clay 11; limestone 63.
Con II " 2	G. Lashford	"	Sep. 2, 1953	6	7	9	9	"	D	Clay 3; limestone 45.
Con II " 2	B. Belyea	W.H. Davy & Son	Oct. 30, 1953	6 1/2	23	8	4	"	D	Clay 5; blue limestone 49.
Con II " 2	C. Lenard	"	Mar. 12, 1954	6 1/2	10	30	17	"	D	Clay sand 5; blue limestone 65.
Con II " 2	R.E. Smith	R.C. Wales	May 10, 1954	5 1/2	4	40	5	"	D	Clay 4; limestone 40.
Con II " 2	G. Lashford	"	May 12, 1954	5 1/2	4	36	6	"	D	Clay 3; limestone 36.
Con II " 3	H. Logedale	"	Jul. 1, 1953	5 1/2	1	20	20	"	D	Loam sand 6; limestone 67.
Con II " 3	M. Ashley	"	Jul. 21, 1953	5 1/2	1	8	8	"	D	Clay 2; shale 8; limestone 61.
Con II " 3	L. Holder	W.H. Davy & Son	Dec. 2, 1953	6 1/2	17	25	5	"	D	Hard blue clay 25; blue limestone 48.
Con II " 3	R. Bustard	"	Jan. 15, 1954	6 1/2	10	22	16	"	D	Soft shale 12; blue limestone 85.
Con II " 3	R. Keniston	G.H. Chalk Jr.	Jan. 15, 1954	6	1	80	22	"	D	Clay 1; grey limestone 80.
Con II " 3	R. Ledbeeter	W.H. Davy & Son	Mar. 6, 1954	6 1/2	5	120	12	"	D	Blue clay 4; blue limestone 120.
Con II " 3	J. Issac	R.C. Wales	Aug. 14, 1954	5 1/2	2	134	55	"	D	Shale 16; limestone 134.
Con II " 3	F.G. Barrett	G.H. Chalk Jr.	Aug. 28, 1954	6	9	100	22	"	D	Grey limestone 100.
Con II " 3	R.E. Allan	W.H. Davy & Son	Apr. 10, 1954	6 1/2	17	100	60	"	D	Blue limestone 114.



FRONTENAC COUNTY-cont.

Kingston Twp.-cont.

Con II	lot 3	W.Holder	W.H.Davy & Son	Sep.28,1954	6 1/2	7 1/2	85	20	Slightly	J	Blue limestone 35.
Con II	" 3	"	"	Oct.18,1954	6 1/2	6	100	50	Fresh	J	Shale limestone 7; blue limestone 115.
Con II	" 3	D.Lane	"	Oct.23,1954	6 1/2	7	60	10	"	D	Blue clay 4; blue limestone 77.
Con II	" 6	E.Clark	"	Dec. 2,1953	6 1/2	10	25	15	"	D	Clay 6; blue limestone 36.
Con II	" 8	L.Smith	R.C.Wales	Sep.20,1953	5 1/2	5		12	"	D	Clay 7; limestone 45.
Con II	" 10	K.Bristow	"	Sep. 3,1954	5 1/2	4	45	25	"	D	Clay 5; limestone 87.
Con II	" 11	Kingston Chamber of Commerce	W.H.Davy & Son	May 20,1953	6 1/2	10	25	15	"	D	Clay 12; limestone 70.
Con II	" 11	W.Day	R.C.Wales	Mar.12,1954	5 1/2	7	6	6	"	D	Clay 10; limestone 37.
Con II	" 13	J.Vivian	W.H.Davy & Son	Oct. 1,1953	6 1/2	20	47	12	"	D	Hard blue limestone 63.
Con II	" 15	J.W.McEwan	R.C.Wales	Jun.15,1953	5 1/2	1		20	"	D	Clay 16; limestone 57.
Con II	" 15	"	"	Dec. 8,1954	5 1/2	1	53	4	"	D	Clay 5; quicksand 17; limestone 53.
Con II	" 19	J.Esford	W.H.Davy & Son	Aug. 6,1954	6 1/2	5	135	75	Salt	D	Earth 2; blue limestone 135.
Con II	" 24	J.Smith	R.C.Wales	Sep. 1,1954	5 1/2	2 1/3	120	50	Fresh	D	Clay sand 5; limestone 120.
Con III	" 1	W.Gollighy	W.H.Davy & Son	Nov.22,1953	6 1/2		83	4	Sulphur	D	Blue limestone 83.
Con III	" 3	L.Whitty	"	May 13,1954	6 1/2	20	11	5	Fresh	D	Blue limestone 60.
Con III	" 3	D.L.Brown	G.H.Chalk Jr.	Aug.31,1954	6	2	50	5	Slightly mineral	D	Grey limestone 50.
Con III	" 3	P.G.Edwards	"	Sep. 9,1954	6				"	D	Loam 2; grey limestone 70. Dry hole.
Con III	" 5	W.Fraser	J.M.Gates	Aug.11,1953	6	33	60	15	Sulphur	D	Loam 4; blue limestone 60.
Con III	" 5	B.Brooks	W.H.Davy & Son	Sep.21,1954	5 1/2				"	D	Earth 2; limestone 45. Dry hole.
Con III	" 6	"	"	Apr.15,1954	6 1/2				"	D	Sand clay 1; blue limestone 76. Dry hole.
Con III	" 6	"	"	Apr.20,1954	6 1/2				"	D	Sand clay 1; blue limestone 65. Dry hole.
Con III	" 6	J.Potter	"	Apr.23,1954	6 1/2	7	36	5	Fresh	D	Sandy clay 1; blue limestone 36.
Con III	" 7	S.Chamberlain	W.H.Davy & Son	Oct.15,1953	6 1/2	2	91	11	Salt	P	Loam 2; blue limestone 78; white and grey limestone 91.
Con III	" 7	W.Nichols	"	Jun. 2,1954	6 1/2				"	D	Blue limestone 83. Dry hole.
Con III	" 7	"	"	Jun. 6,1954	6 1/2	1	45	4	Fresh	D	Clay 3; blue limestone 45.
Con III	" 9	A.Cloyne	"	Jul. 2,1954	6 1/2				"	D	Blue limestone 60. Dry hole.
Con III	" 12	P.Fraser	"	Apr.24,1953	6 1/2	20	62	8	"	P	Clay 2; blue limestone 81.
Con III	" 13	"	"	Feb. 3,1953	6 1/2	7	10	8	"	D	Sand 5; blue limestone 42.
Con III	" 13	R.Bennington	"	Feb.12,1953	6 1/2	2	55	6	"	P	Brown clay 8; grey limestone 55.
Con III	" 13	"	"	Feb.15,1953	6 1/2	2	55	6	"	P	Grey limestone 55.
Con III	" 13	P.Fraser	"	Jul.10,1954	6 1/2	25	47	35	"	P	Blue clay 12; blue limestone 77.
Con III	" 13	"	"	Jul.14,1954	6 1/2	25	47	35	"	P	Blue clay 12; blue limestone 77.
Con III	" 14	Foley/Ellis	"	Jan. 1,1953	6 1/2	20	27	22	"	P	Blue clay 5; hard blue limestone 76.
Con III	" 14	"	"	Jan. 3,1953	6 1/2	20	27	22	"	P	Blue clay 5; hard blue limestone 83.
Con III	" 14	"	"	Jan. 5,1953	6 1/2	20	27	22	"	P	Blue clay 5; hard blue limestone 76.
Con III	" 14	T.L.Smith Const	"	Jan. 8,1953	6 1/2	20	18	10	"	P	Blue clay 9; blue limestone w/soft spots 83.
Con III	" 14	"	"	Jan.13,1953	6 1/2	20	18	10	"	P	Blue clay 9; blue limestone w/soft spots 72.
Con III	" 14	"	"	Jan.18,1953	6 1/2	20	18	10	"	P	Blue clay 9; blue limestone w/soft spots 83.
Con III	" 15	L.Day	"	May 11,1953	6 1/2	10	20	15	"	D	Clay 14; limestone 46.
Con III	" 15	L.Nelson	"	Dec.17,1953	6 1/2	14	8	2	"	D	Blue clay 4; blue limestone 32.
Con III	" 15	B.Sargent	R.C.Wales	Jul. 8,1954	5 1/2	6	7	7	"	D	Clay sand 13; limestone 26.
Con III	" 16	McColl-Fontenac Oil Co.	W.H.Davy & Son	Jan. 3,1953	6 1/2	10	20	20	"	C	Clay 20; limestone 80.
Con III	" 16	H.C.Hutchison	"	Apr.22,1953	6 1/2	10	15	12	"	D	Clay 13; limestone 54.
Con III	" 16	A.Baker	"	May 13,1953	6 1/2	10	20	15	"	D	Sand 18; limestone 46.
Con III	" 16	L.Alysworth	"	Jul.22,1953	6 1/2	20	10	10	"	D	Blue clay 4; blue limestone 38.
Con III	" 16	H.Morburg	"	Oct. 5,1953	6 1/2	23	18	8	"	D	Blue clay very sticky 6; blue limestone 40; soft grey limest.48.
Con III	" 16	School	"	Apr. 2,1954	6 1/2	1	75	18	"	P	Previously drilled 54; blue limestone 75.
Con III	" 16	G.Cotman	"	May 27,1954	6 1/2	10	22	16	"	D	Clay 10; limestone 47.
Con III	" 16	W.Layfield	T.Sigsworth	Jun.15,1954	5 1/2	17	30	14	"	D	Clay 14; rotten limestone 18; hard blue limestone 52.
Con III	" 16	E.Babcock	"	Jun.25,1954	5 1/2	17	16	14	"	D	Clay 14; rotten limestone 18; hard limestone 50.
Con III	" 16	R.W.Watts	W.H.Davy & Son	Jul. 2,1954	5 1/2	10	18	15	"	D	Sand loam 16; limestone 51.
Con III	" 16	E.McEwen	R.C.Wales	Jul.13,1954	5 1/2	6	15	8	"	D	Clay 14; limestone 44.
Con III	" 16	E.Patterson	W.H.Davy & Son	Aug.14,1954	5 1/2	10	20	14	"	D	Clay 9; limestone 40.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PROVENA COUNTY- cont. Kingston Twp. cont. Con III lot 16	Trans-Northern Pipe Line Co.	R.H.Casselmann	Oct. 19, 1954	5	7	28	16	Fresh	In	Top soil 4; clay 15; sand 17; medium hard limestone 59.
Con III " 16	R. Brozinicki	W.H. Davy & Son	Dec. 31, 1954	6 1/2	17	25	14	"	D	Sand 24; blue limestone 62.
Con III " 17	J. Bronnack	"	May 25, 1953	6 1/2	10	15	15	"	S	Shaly rock 16; limestone 60.
Con III " 17	R. Lanbitt	"	Jul. 9, 1953	6	20	30	12	"	D	Blue clay sand 24; blue limestone 63.
Con III " 17	W. Alyswoorth	"	Jul. 20, 1954	6 1/2	3	35	25	"	S	Blue clay 3; blue limestone 56.
Con IV " 14	G. Knight	W.H. Davy & Son	Sep. 14, 1954	6 1/2	7	35	15	"	D	Blue clay 6; blue limestone 55.
Con IV " 16	K. Harpell	"	Jul. 4, 1953	6 1/2	25	3	3	"	D	Clay 16; blue limestone 37.
Con IV " 16	J. Hae	"	Feb. 12, 1954	6 1/2	7	138	35	"	D	Clay 3; blue limestone 139.
Con IV " 17	School	"	Jan. 3, 1954	6 1/2	10	40	15	"	P	Clay 1; blue limestone 63.
Con IV " 17	B. Morall	R.C. Wales	Apr. 9, 1954	5 1/2	1	77	30	"	D	Clay sand 5; limestone 77.
Con IV " 17	E. Selby	W.H. Davy & Son	Jun. 15, 1954	5 1/2	10	24	20	"	D	Loam 4; limestone 47.
Con IV " 17	W. Alyswoorth	"	Jun. 23, 1954	5 1/2	10	27	25	"	D	Clay 10; limestone 41.
Con IV " 17	A. Harper	"	Jul. 15, 1954	6 1/2	7	70	27	"	D	Blue clay 4; blue limestone 97.
Con IV " 17	J. Norman	C. Goodberry	Aug. 24, 1954	6 1/2	1	143	60	"	D	Blue limestone 143.
Con IV " 17	D. Senior	W.H. Davy & Son	Aug. 25, 1954	5 1/2	10	12	6	"	D	Clay 10; limestone 46.
Con IV " 18	K. Green	"	Apr. 20, 1953	6 1/2	20	32	32	"	D	Sand 4; blue limestone 64.
Con IV " 18	"	"	Sep. 9, 1953	6 1/2	10	30	25	Sulphur	D	Shale rock 10; limestone 77.
Con IV " 18	H. Corcoran	"	Dec. 16, 1954	6 1/2	1 1/2	50	8	"	D	Blue limestone 50.
Con IV " 32	A. G. Reid	J.M. Gates	May 6, 1953	6	5	15	15	Fresh	D	Clay 7; grey limestone 60; black limestone 80.
Con IV " 32	R. G. Godwin	"	Aug. 10, 1953	6	5	90	84	"	D	Loam 3; limestone 113.
Con IV " 32	School	W.H. Davy & Son	Aug. 11, 1953	6 1/2	10	75	50	"	P	Shale rock 20; limestone 115; granite 142.
Con IV " 32	R. Kehoe	"	Sep. 3, 1953	6 1/2	7	75	70	"	D	Shale rock 8; limestone 124.
Con IV " 32	J. Bates	R. Kenny	Nov. 2, 1953	6	14	90	87	"	D	Brown clay 4; grey limestone 90; red granite 107.
Con IV " 33	A. Ried	W.H. Davy & Son	Nov. 2, 1954	6 1/2	5	95	85	"	D	Blue limestone 130; red granite 112.
Con IV " 36	J. Duffe	C. Goodberry	Nov. 25, 1953	6 1/2	6	30	12	"	D	Clay 20; granite 80.
Con V " 1	M. Mortensen	W.H. Davy & Son	Aug. 11, 1954	5 1/2	10	30	22	"	D	Clay 30; limestone 61.
Con V " 6	P. Belanger	"	Jul. 24, 1953	5 1/2	"	"	"	"	"	Red sand 10; blue limestone 61. Dry hole.
Con V " 10	G. Hartwick	"	Sep. 10, 1954	6 1/2	7 1/2	50	12	"	D	Clay 1; shale limestone 8; blue limestone 85.
Con V " 13	J. Woodstock	"	Dec. 21, 1953	6 1/2	13	0	0	"	D	Blue clay 44; sandstone 52.
Con V " 17	J. Stacey	"	Mar. 3, 1954	6 1/2	8	40	25	"	D	Blue clay 4; blue limestone 68.
Con V " 17	I. C. Stanton	"	Apr. 5, 1954	6 1/2	10	35	30	"	D	Blue clay 3; blue limestone 75.
Con V " 18	R. B. Mouldy	"	Sep. 15, 1953	6 1/2	10	30	20	"	D	Clay 8; limestone 74.
Con V " 18	L. Foy	"	Sep. 18, 1953	6 1/2	10	30	20	"	D	Clay 10; limestone 70.
Con V " 18	Fire Hall #2	R.C. Wales	Nov. 26, 1954	5 1/2	1	87	8	"	P	Clay 4; limestone 87.
(Elginburg)										
Con V lot 24	G. Draper	W.H. Davy & Son	Jun. 22, 1954	5 1/2	10	20	10	"	D	Sand 10; limestone 49.
Con V " 24	R. Shannon	"	Oct. 21, 1954	5 1/2	10	10	4	"	D	Clay 5; limestone 33.
Con V " 30	B. Orr	"	Sep. 1, 1953	6 1/2	9	35	15	"	D	Sand 4; limestone 75.
Con V " 30	J. McKendry	"	Sep. 21, 1953	6 1/2	40	26	18	"	D	Blue clay 8; blue limestone 62; grey limestone 83.
Con V " 30	R. Jayner	"	Oct. 23, 1954	5 1/2	10	30	16	"	D	Sand 10; limestone 45.
Con V " 33	J. Fair	"	Oct. 13, 1953	6 1/2	13	35	25	"	D	Loam 10; limestone 93.
Con V " 33	"	"	Apr. 23, 1954	6 1/2	20	32	25	"	D	Loam 3; blue limestone 93.
Con VI " 15	D. Nesbitt	"	Aug. 20, 1953	6 1/2	10	25	15	Sulphur	D	Clay 9; limestone 95.
Con VI " 17	D. Caird	R.C. Wales	Sep. 20, 1954	5 1/2	1	45	6	Fresh	D	Clay 3; limestone 45.
Con VI " 19	E. Heard	W.H. Davy & Son	Feb. 5, 1954	6 1/2	10	50	30	"	S	Clay 6; blue limestone 80.
Con VI " 19	B. Lake	"	Feb. 22, 1954	6 1/2	9	60	20	"	D	Clay 3; shale limestone 10; blue limestone 81.
Con VI " 23	E. Abraham	"	Sep. 3, 1953	6 1/2	2	12	8	"	D	Clay 18; blue limestone 38.
Con VI " 23	A. E. Behanell	"	Sep. 9, 1953	6 1/2	22	14	8	"	D	Clay 16; blue limestone 50.
Con VI " 25	J. A. Jones	"	Sep. 6, 1954	6 1/2	7	70	65	"	D	Blue clay 2; shale limestone 6; hard blue limestone 80; black granite 81.

## FRONTENAC COUNTY-cont.

## Kingston Twp.-cont.

Con VI	lot 25	R. Jones	W.H. Davy & Son	Sep. 20, 1954	6 1/2	7	50	30	Fresh	D	Blue clay 4; blue limestone 85.
Con VI	" 28	R.J. Black	L.B. Macdonald	Jun. 16, 1953	6 1/2	5	45	3	"	D	Sand 18; limestone 45.
Con VI	" 36	A. Hurdle	W.H. Davy & Son	Oct. 15, 1953	6 1/2	10	20	15	"	D	Sand 20; limestone 48.
Con VI	" 36	T. Donavon	C. Goodberry	Aug. 28, 1954	5 1/2	20	30	20	"	D	Sandy loam 15; blue limestone 56.
Con VI	" 37	E. Blaney	W.H. Davy & Son	Aug. 19, 1953	6 1/2	17	18	12	"	D	Sand 17; shaly blue limestone 56.
Con VII	" 6	G. Lee	"	Jun. 10, 1953	6 1/2	"	"	"	"	"	Limestone 150. Dry hole.
Con VII	" 6	G. Vanluven	"	May 22, 1954	6 1/2	10	20	14	"	D	Clay 8; blue limestone 55.
Con VII	" 7	D.W. Orser	"	Jun. 12, 1953	6 1/2	10	20	15	"	D	Shale rock 12; limestone 69.
Con VII	" 10	K.L. Bebbie	"	Apr. 2, 1953	6 1/2	10	15	10	"	D	Limestone 39.
Con VII	" 11	W.J. Vinkle	"	Apr. 1, 1953	6 1/2	10	4	4	"	D	Limestone 28.
Con VII	" 11	V. Bell	R.C. Wales	Jul. 5, 1954	5 1/2	7	10	5	"	D	Sand 2; shale 6; limestone 26 1/2.
Con VII	" 13	A. Hansen	W.H. Davy & Son	Aug. 12, 1954	6 1/2	"	"	"	"	"	Sand 3; blue limestone 95. Dry hole.
MSB	"	G. MacArthur	"	Nov. 3, 1953	6 1/2	"	"	"	"	"	Limestone 50. Dry hole.
MSB	"	M. Esford	"	Nov. 9, 1953	6 1/2	10	25	15	"	D	Clay 10; limestone 69.
MSB	"	H. Gordon	"	Nov. 17, 1953	6 1/2	"	"	"	"	"	Limestone 122. Dry hole.
MSB	"	J. Blacklock	"	Nov. 21, 1953	6 1/2	10	25	20	"	D	Clay 8; limestone 64.
MSB	"	C. Shaw	"	Nov. 27, 1953	6 1/2	"	"	"	"	"	Clay 6; limestone 100. Dry hole.
MSB	"	W. Wolfe	"	Dec. 8, 1953	6 1/2	"	"	"	"	"	Clay 12; limestone 100. Dry hole.
MSB	"	J. Blacklock	"	Jun. 29, 1954	5 1/2	10	40	20	"	D	Clay 6; limestone 66.
WD Con III	" 2	W.J. Holsgrove	C. Goodberry	Sep. 28, 1953	6 1/2	30	8	8	"	C	Grey clay 8; limestone 54.
WD Con III	" 2	"	"	Sep. 30, 1953	6 1/2	30	15	12	"	D	Grey clay 14; limestone 48.
WD Con III	" 3	L. Lakins	W.H. Davy & Son	May 2, 1953	6 1/2	17	28	14	"	D	Sand 6; blue limestone 49.
WD Con III	" 3	E. Snowden	"	Aug. 28, 1953	6 1/2	10	15	10	"	D	Clay 5; shale rock 15; limestone 51.

## Loughborough Twp.

Con II	lot 9	Dr. O'Connor	W.H. Davy & Son	Aug. 19, 1954	6 1/2	7	80	70	Fresh	D	Sand 1; shale limestone 5; blue limestone 142.
Con II	" 15	C. Campbell	"	Jan. 29, 1954	6 1/2	5	65	14	"	D	Clay 3; blue limestone 65.
Con IV	" 3	D. Scott	"	Aug. 30, 1953	6 1/2	10	60	40	"	D	Shale rock 16; limestone 96.
Con IV	" 3	United Church	"	Oct. 9, 1954	5 1/2	10	40	20	"	P	Shelly rock 8; limestone 105.
(Sydenham)											
Con V	" 3	N. Trousdale	"	Jul. 25, 1953	6 1/2	10	25	15	"	D	Clay 10; shale rock 26; limestone 65.
Con V	" 3	I. Orser	G.H. Davey	Aug. 20, 1954	5 1/2	30	17	17	"	D	Clay 3; blue limestone 47.
Con V	" 4	D. Ruttan	W.H. Davy & Son	Jul. 23, 1953	6 1/2	10	15	10	"	D	Shale rock 20; limestone 68.
Con V	" 4	L. Ferguson	G.H. Davey	Oct. 15, 1953	6	15	10	10	"	D	Clay 2; limestone 30.
Con V	" 4	A. Alexander	"	Oct. 29, 1953	6	15	50	40	"	D	Clay 5; limestone 58.
Con V	" 4	P. Brown	"	May 29, 1954	5 1/2	30	18	18	"	D	Dug well 20; blue limestone 36.
Con V	" 4	K. Henwood	"	Jul. 23, 1954	5 1/2	30	40	40	"	D	Clay 5; blue limestone 66.
Con V	" 4	S.E. Rybak	W.H. Davy & Son	Aug. 19, 1954	5 1/2	10	24	19	"	D	Clay 18; limestone 40.
Con V	" 5	R. Warren	T. Sigsworth	Aug. 19, 1953	5 1/2	17	40	23	"	D	Brown clay 2; grey limestone 12; blue limestone 62.
Con V	" 5	J. Salmon	G.H. Davey	May 20, 1954	5 1/2	3	50	38	"	D	Clay 10; limestone 60.
Con V	" 19	School	W.H. Davy & Son	Apr. 13, 1953	6 1/2	20	8	2	"	P	Loam 1; red granite 23.
Con V	" 19	S.O. Neil	"	Sep. 28, 1953	6 1/2	5	19	4	"	P	Sand 2; rotten brown granite 12; grey granite 20; red granite 28; soft brown granite hard brown granite 36.
Con VI	" 6	H. Snook	G.H. Davey	Aug. 17, 1953	6	15	12	12	"	S	Sand 18; limestone 30.
Con VII	" 6	"	C. Goodberry	Aug. 18, 1954	6 1/2	"	"	"	"	"	Blue limestone 112. Dry hole.
Con VII	" 13	P. Blakley	G.H. Davey	Aug. 26, 1954	5 1/2	30	9	9	"	D	Sand 6; grey granite 16.
Con VII	" 15	N. Stoness	W.H. Davy & Son	Jun. 29, 1953	5 1/2	7	28	4	"	D	Clay sand boulders 31; red granite 46.
Con IX	" 18	V. Smith	"	Mar. 2, 1953	6 1/2	10	18	4	"	D	Black and red granite 30.
Con IX	" 18	C. Hughson	"	Mar. 17, 1953	6 1/2	5	85	5	"	D	Grey granite 85.
Con X	" 25	N. Lees	"	Jun. 25, 1953	6 1/2	18	20	8	"	D, S	Sand 5; grey granite 33.
Con XIII	" 24	C. Dalton	"	Feb. 17, 1953	5 1/2	18	8	1	"	D	Blue clay 48.

## Olden Twp.

Con III	lot 15	M. Barr	W.H. Davy & Son	Dec. 12, 1954	6 1/2	5	100	50	Fresh	D	Earth 20; fine gravel 60; red granite 113.
Con IV	" 9	Stinchcombe	"	Dec. 22, 1954	6 1/2	9	6	4	"	S	White limestone 10; grey granite 34.
Con VII	" 1	P.W. Akey	"	Nov. 18, 1954	6 1/2	7	50	30	"	D	Sand 2; white limestone 7; red granite 67.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
FRONTENAC COUNTY- cont.										
Oso Twp.										
Con I lot 9	H. Thompson	W.H. Davy & Son	Nov. 25, 1954	6 1/2	7	40	10	Fresh	D	Sand 1; red and grey granite 59.
Con I " 12	V. English	"	Nov. 7, 1953	6 1/2	10	8	5	"	D	White limestone 30.
Sharbot Lake										
Con I " lot 12	C. Kimberly	"	May 15, 1954	6 1/2	10	18	8	"	D	Sand clay 4; white limestone and granite mixed 44.
Con I " " 12	Dpt. Publ. Works	C. Goodberry	Oct. 26, 1954	6 1/2	3	90	32	"	D	Silt 2; fill 5; white limestone 101.
Con II " " 13	S. Dusharme	W.H. Davy & Son	May 4, 1954	6 1/2	10	23	15	"	D	Sand 1; blue limestone 61.
Con II " " 14	K. Alexander	"	Nov. 4, 1953	6 1/2	14	12	6	"	D	Sand 4; blue limestone 42.
Con II " " 14	G. Fengelie	"	May 25, 1954	6 1/2	5	99	25	"	D	Sand 2; blue limestone 63; granite 99.
Con II " " 14	A. Gray	T. Sigsworth	Aug. 10, 1954	6 1/2	18	16	16	"	D	Brown sandy soil 1; grey granite 54 1/2.
Con IV " 18	T. Possie	W.V. Nugent	Aug. 27, 1953	6	19	28	21	"	D	Sandy loam 10; red granite 31; white limestone 45.
Con V " 17	R. Garret	W.H. Davy & Son	Jun. 4, 1954	6 1/2	10	40	35	"	D	Sand 3; granite 55.
Palmerston Twp.										
Con IV lot 28	N. March	W.V. Nugent	Feb. 19, 1953	6	40	9	9	Fresh	D	Loam 8; red granite 30.
Con IV " 28	School	W.H. Davy & Son	Sep. 16, 1954	6 1/2	20	21	8	"	P	White limestone 34.
Con V " 28	W. Moore	W.V. Nugent	Mar. 30, 1953	6	1 1/2	94	11	"	D	Loam 8; grey granite 94.
Con X " 5	School	W.H. Davy & Son	Sep. 14, 1954	6 1/2	1	100	18	"	P	Sandy loam 4; grey granite 46; white limestone 49; black granite and grey flint mixed 100.
Pittsburgh Twp.										
CRE lot 4	G.C. Wright	W.H. Davy & Son	Oct. 30, 1953	6 1/2	9	70	50	Fresh	D	Blue limestone 102.
CRE " 6	H.W. Armstrong	R.C. Wales	Aug. 18, 1953	5 1/2	3	"	7	"	D	Clay 5; limestone 37.
CRE " 10	J. MacClean	W.H. Davy & Son	Jan. 10, 1954	6 1/2	5	45	11	Mineral	D	Clay 3; hard blue limestone 45.
CRE " 10	"	"	Jan. 13, 1954	6 1/2	5	55	11	"	D	Clay 3; hard blue limestone 55.
CRE " 10	"	"	Jan. 15, 1954	6 1/2	24	18	12	Fresh	D	Blue clay 12; hard blue limestone 55.
CRE " 15	V.L. Lloyd	"	Dec. 4, 1953	6 1/2	25	18	14	"	P	Sandy loam 1; blue limestone 50.
CRE " 15	"	"	Dec. 8, 1953	6 1/2	25	18	14	"	P	Sandy loam 1; blue limestone 51.
Con I " A	C. Woodland	J.M. Gates	Jan. 31, 1953	6 1/2	5	16	6	"	D	Clay 6; grey limestone 40.
Con I " B	S. Anderson	W.H. Davy & Son	Mar. 31, 1953	6 1/2	7	20	15	"	D	Soft limestone 8; blue limestone 56.
Con I " B	Trener & Son	J.M. Gates	Jul. 11, 1953	6 1/2	6	32	17	Sulphur	D	Loam 4; blue limestone 46.
Con I " B	"	"	Jul. 16, 1953	6 1/2	5	28	15	"	D	Clay loam 6; blue limestone 50.
Con I " B	J. Treleaven	"	Aug. 15, 1953	6	2 1/2	60	4	"	D	Loam 14; blue clay 16; blue limestone 60.
Con I " B	N. Hawley	W.H. Davy & Son	Sep. 5, 1953	6 1/2	23	35	18	Fresh	D	Clay 4; limestone 55.
Con I " B	R. Phillips	"	Oct. 16, 1953	6 1/2	15	13	13	"	P	Blue clay 3; blue limestone 44.
Con I " B	L. Treneer	R.C. Wales	Jan. 18, 1954	5 1/2	"	"	"	Sulphur	D	Clay shale 11; limestone 45.
Con I " B	"	"	Feb. 2, 1954	6	3	"	5	Fresh	D	Clay 15; limestone 37.
Con I " B	S. Anderson	"	Feb. 11, 1954	5 1/2	3	"	7	"	D	Clay 6; limestone 34.
Con I " B	T. Lemon	"	Mar. 1, 1954	5 1/2	4	"	8	"	D	Clay 5; limestone 46.
Con I " B	L.S. Raven	"	Mar. 12, 1954	5 1/2	1	18	15	"	D	Clay 16; limestone 53.
Con I " B	R. Craven	W.H. Davy & Son	May 25, 1954	6 1/2	20	25	11	Sulphur	D	Blue limestone 31.
Con I " B	A. Andress	R.C. Wales	Jun. 2, 1954	5 1/2	5	31	6	Fresh	D	Clay 14; limestone 31.
Con I " B	W.H. Stephens	"	Jun. 29, 1954	5 1/2	4	53 1/2	20	"	D	Clay 2; shale 9; limestone 53 1/2.
Con I " B	C. Nellis	"	Jun. 30, 1954	5 1/2	3	36	13	"	D	Loam 3; shale 12; limestone 36.
Con I " B	S. Anderson	W.H. Davy & Son	Oct. 6, 1954	6 1/2	12	49	Flows	Sulphur	D	Hard blue and grey clay 11; blue limestone 49.
Con I " B	V. Latamier	R.C. Wales	Oct. 14, 1954	5 1/2	1	24	22	Fresh	D	Clay 3; shale 8; limestone 46.
Con I " B	G. Raven	W.H. Davy & Son	Nov. 13, 1954	6 1/2	20	34	32	"	D	Blue clay 4; blue limestone 70.
Con I " B	E. Jones	"	Dec. 2, 1954	6 1/2	20	12	8	"	D	Clay boulders 12; blue limestone 67.
Con I " B	J. Maley	"	Dec. 10, 1954	6 1/2	18	15	Flows	"	D	Clay boulders 10; blue limestone 60.
Con I " C	J.J. Pay	J.M. Gates	Aug. 19, 1953	6 1/2	7	21	16	"	D,S	Brown clay 10; blue limestone 35.
Con I " E	J. Smith	W.H. Davy & Son	Nov. 1, 1954	6 1/2	20	52	46	"	D	Blue clay 5; blue limestone 67; grey granite 77.
Con I " I	J.R. Gagnon	J.M. Gates	Jul. 28, 1953	6	6	20	14	Sulphur	D	Loam 2; blue limestone 26.
Con I " 2	W. VanLoven	W.H. Davy & Son	Jul. 19, 1953	6 1/2	7 1/2	89	75	Fresh	D	Blue limestone 75; granite 99.

FRONTENAC COUNTY-cont.  
Pittsburg Twp.cont.

Con I	lot 7	D.Nuewl	W.H.Davy & Son	Oct.21,1953	64	14	50	40	Fresh	D	Clay 3; blue limestone 64.
East View											
Con I	lot 10	R.McLeod	C.Goodberry	Feb.13,1953	64	4	15	11	"	D	Blue clay 22; red granite 75.
Con I	" 13	D.Chown	W.H.Davy & Son	Sep.11,1953	64	10	30	20	"	D	Clay 10; limestone 36.
Con I	" 15	N.MacDonald	J.M.Gates	Jun.16,1953	64	7	30	20	"	D	Loam 2; blue limestone 60.
Con I	" 16	J.Harvey	R.C.Wales	Nov.12,1954	58 1/2	1	112	50	"	D	Clay sand 4; shale 10; limestone 92; granite 112.
Con I	" 23	R.Hoddy	"	Jul.26,1954	58 1/2	7	12	2	"	D	Clay 10; limestone 52g.
Con II	" 13	J.McAdoo	C.Goodberry	Mar.21,1953	58 1/2	10	6	6	"	D	Loam 14; limestone 43.
Con II	" 27	H.Schenk	L.B.Macdonald	Jan.23,1953	64	1	43	4	"	D	Clay 2; sandstone 32; granite 43.
Con III	" 1	C.Lee	W.H.Davy & Son	Apr. 7,1953	64	10	61	12	"	D	Clay 29; hard granite 74.
Con III	" 1	N.Minnard	C.Goodberry	Sep. 8,1954	64	10	30	30	"	D	Sand pebbles 13; blue limestone 54; hard grey granite 57.
Con III	" 17	Parguharson	W.H.Davy & Son	Aug.19,1953	64	10	25	15	"	D	Shale rock 18; limestone 55.
Con III	" 28	St.JohnsManse	C.Goodberry	Dec. 7,1953	64	8	25	10	"	D	Sand gravel 42; limestone 48.
Con III	" 6	A.McLean	W.H.Davy & Son	Oct.12,1954	64	7	45	30	"	D	Sand 4; sandstone 68.
Con IV	" 6	A.Boisvert	C.Goodberry	Oct. 6,1953	64	10	50	16	"	D	Grey granite 70.
Con IV	" 25	T.Casn	J.M.Gates	Feb.24,1953	64	7	30	4	"	D	Clay 7; grey granite 27; red and black granite 50.
Con V	" 6	B.Stafford	W.H.Davy & Son	Jan.20,1954	58 1/2	20	8	6	"	D	Loam 6; brown sandstone 34.
Con V	" 18	J.Murphy	J.M.Gates	Jul. 8,1953	64	5	35	25	"	D	Soil 1; sand 11; red and black granite 55.
Con V	" 28	J.Wilson	C.Goodberry	Sep.28,1954	64	3	45	20	"	D	Sand pebbles 8; hard grey granite 52.
Con V	" 31	School	"	Sep.22,1954	64	5	19	13	"	P	Brown clay 9; red granite 45.
Con VI	" 19	B.Campbell	W.H.Davy & Son	Dec.28,1953	64	3	50	16	"	D	Clay 17; red granite 50.
Con VIII	" 25	C.Hilne	"	Mar.30,1954	64	10	35	3	"	P	Blue clay 33; black granite 43.
Con VIII	" 26	P.Squibb	"	Jul.30,1953	64	10	30	4	"	P	Sand 26; red, grey and black granite 67.
Con IX	" 21	W.Knapp	"	Mar. 7,1953	64	1	66	5	"	D	Hard red granite 66.
Con IX	" 34	School S.#13	J.M.Gates	Apr. 8,1953	64	4	50	9	"	P	Loam 11; blue granite 21; sandstone 50.
FKT Con IV	" 37	L.Duetta	C.Goodberry	Sep.11,1954	64	1	20	6	"	D	Sandy brown clay 9; red granite 26.
FKT Con IV	" 41	T.Starns	"	Mar.17,1953	58 1/2	10	18	16	"	D	Clay 29; granite 45.
GI	"	W.Alford	H.Davis	Oct.30,1953	64	5	37	19	"	D	Sand 4; granite 68.
NR	"	B.Barrett	W.H.Davy & Son	Oct.13,1953	64	20	10	8	"	D	Sand 1; blue limestone 7; red granite 43.
NR	"	R.B.Sorensen	"	Oct. 4,1954	64	20	62	62	"	D	Sandy loam clay 3; blue limest.96; soft red/green granite 110.
NR	"	E.R.Wieland	"	Oct.14,1954	64	18	62	62	"	D	Blue limestone some flint 120.
Portland Twp.											
Con I	lot 2	J.G.Walker	W.H.Davy & Son	Sep.10,1954	58 1/2	9	80	10	Fresh	S	Loam 8; limestone 99.
Con I	" 6	N.Hartman	"	Aug.22,1953	64	10	10	10	"	D	Loam 15; limestone 48.
Con III	" 7	C.Snider	"	Oct. 2,1954	58 1/2	10	15	8	"	D	Loam 6; limestone 50.
Con IV	" 6	A.Davis	"	Jan.29,1953	64	7	20	10	"	D	Clay 5; limestone 42.
Harrowsmith											
Con IV	lot 6	D.Wasley	"	May 18,1954	64	10	24	13	"	D	Loam 8; limestone 46.
Con V	" 1	P.Wilson	G.H.Davey	Jul.10,1954	58 1/2	30	60	39	Sulphur	S	Limestone 80.
Con V	" 6	K.V.Dav	T.Sigsworth	Apr.30,1953	58 1/2	6	55	21	Fresh	D	Brown clay 2; limestone 15; grey or blue limestone 60.
Con V	" 7	R.Simmons	"	Jun.17,1953	58 1/2	4	65	15	"	D	Brown clay 4; shale 6; blue limestone 70.
Con V	" 7	H.Lambert	G.H.Davey	Jun. 8,1954	58 1/2	30	20	20	"	D	Sand 4; blue limestone 45.
Con V	" 7	M.Lakins	"	Jul.30,1954	58 1/2	30	40	30	Sulphur	D	Clay 2; limestone 50.
Con VI	" 6	H.Thurston	W.H.Davy & Son	Mar.20,1954	64	5	84	5	Fresh	D	Blue clay 2; blue limestone 84.
Con VI	" 7	K.Ansen	"	Apr.28,1954	64	24	50	50	"	D	Blue limestone 99.
Con VI	" 19	S.Conley	"	May 11,1954	64	10	22	16	"	D	Loam shelly rock 8; limestone 54.
Con VII	" 4	C.Jamison	G.H.Davey	Aug.13,1954	58 1/2	30	55	25	Sulphur	S	Shale 15; blue limestone 55.
Con VII	" 7	School S.#7	T.Sigsworth	Jun.13,1953	64	1 1/2	81	20	Fresh	P	Brown clay 7; shale 12; blue or grey limestone 81.
Con X	" 8	W.Bennett	L.B.Macdonald	Apr.20,1953	64	9	10	10	"	D	Loam 6; black granite 32.
Con X	" 9	VanValkenburg	W.H.Davy & Son	Jan.21,1953	64	7	30	12	"	D	Sand 3; brown and white rotten limest.12; white limestone 32; white limest.and mica mixed 40.
Con X	" 10	G.Davy	C.Goodberry	Nov.17,1953	64	10	30	10	"	D	Sandy soil 6; granite 18; white limestone 54.
Con XI	" 9	W.Ruddsdale	W.H.Davy & Son	Jan.27,1953	64	10	46	11	"	D	Sand 2; white limestone 51.
Con XI	" 9	D.Babcock	L.B.Macdonald	Apr.15,1953	64	9	30	8	"	D	Clay 28; quicksand 31; limestone 120.
Con XI	" 9	W.J.Heska	W.H.Davy & Son	Jun.20,1953	64	20	28	12	"	D	Sand 2; white limestone 57.
Con XI	" 9	C.McKever	C.Goodberry	Nov. 7,1953	64	5	50	10	"	D	Sand 4; limestone 79.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
FRONTENAC COUNTY-cont.										
Portland Twp.cont.										
Con XI lot 9	R.D.Botting	T.Sigsworth	Nov.14,1953	6	18	35	6	Fresh	D	Red sand 22; grey sharp sand 25; red limestone 60.
Con XI " 10	J.Revell	"	Nov.2,1953	5 1/2	3	35	0	"	D	Clay 5; coarse gravel 6; hard red granite 37.
Con XII " 9	T.Cox	C.Goodberry	Nov.1,1953	6 1/2	8	20	6	"	D	Sand 6; white limestone 42.
Con XII " 9	M.O.Reynolds	"	May 1,1954	6 1/2	3	20	19	"	D	Clay 2; white limestone 49.
Con XII " 18	Grant Bros.	W.H.Davy & Son	Jan.20,1953	5 1/2	10	47	11	"	S	Sandy loam 3; red and black granite 20; red feldspar 24; hard green granite 35; soft hard grey granite 54.
Con XIII " 3	D.Bauder	"	Jun.11,1954	6 1/2	5	32	10	"	D	Clay 3; granite 32.
Storrington Twp.										
Con I lot 26	School	W.H.Davy & Son	Feb.25,1954	6 1/2	10	25	18	Fresh	F	Blue clay 2; shale limestone 10; hard blue limestone 61.
Con II " 20	B.Campbell	"	May 14,1953	6 1/2	10	40	0	"	D	Clay 14; limestone 48.
Con II " 20	I.Simpson	"	Sep.21,1953	6 1/2	10	20	20	"	D	Loam 10; limestone 70.
Storrington										
Con II lot 20	W.O'Neil	"	Sep.25,1953	6 1/2	10	15	10	"	D	Clay 7; limestone 41.
Con II " 20	E.Holmes	"	Jul.12,1954	5 1/2	10	50	30	"	D	Shale rock 15; limestone 87.
Con II " 26	S.Green	"	Feb.26,1954	6 1/2	10	30	12	"	D	Blue clay 7; blue limestone 60.
Sunbury										
Con III " 17	C.Compston	"	Jan.21,1953	6 1/2	7	30	20	"	S	Shelly rock 5; blue limestone 89.
Con III " 19	O.Mortan	"	Feb. 2,1954	6 1/2	10	8	4	"	D	Clay 4; blue limestone 44.
Con III " 19	N.Hudson	"	Jul.19,1954	5 1/2	3	74	25	Sulphur	D	Shale rock 6; limestone 74.
Con III " 20	G.Johnston	R.Kenny	Nov.22,1953	5	5	25	6	Fresh	D,C	Grey clay 1; grey limestone 40.
Con V " 23	R.G.Beck	W.H.Davy & Son	Apr.23,1953	6 1/2	10	20	10	"	D	Grey sandstone 10; sandstone 71.
Con V " 24	B.Simmerman	"	May 1,1954	6 1/2	24	25	14	"	D	Sand 9; green and red granite 48.
Con V " 25	Dr.Millard	"	Jul.20,1954	6 1/2	5	39	14	"	D	Hard greenish-black granite 25; grey flint 27; hard red and grey granite 39.
Con V " 25	H.Lake	"	Jul.22,1954	6 1/2	24	8	4	"	D	Clay 6; soft red granite 29.
Con VI " 3	A.Peterson	J.M.Gates	Apr.28,1953	6	9	30	18	"	D,S	Clay 6; granite 46; sandstone 50.
Con VII " 1	J.Orhms	W.H.Davy & Son	Nov.15,1954	6 1/2	20	51	40	"	D	Blue limestone 91.
Con VIII " 17	W.J.VanNeil	"	Aug.25,1954	6 1/2	18	35	25	"	D	Red sandstone 46.
Con IX " 2	O.Lake	"	Aug.13,1953	6 1/2	9	95	94	"	D,S	Blue limestone 140.
Con IX " 10	R.Clarke	"	Mar.13,1954	9	10	26	13	Mineral	D	Hard red granite 23; soft brown granite 32.
Con XI " 17	C.Robb	C.Goodberry	Nov.20,1953	6 1/2	10	35	16	Fresh	D,S	Clay 6; granite 60.
Con XV " 17	K.N.Darling	C.A.McCarthy	Jun. 1,1953	6	10	10	12	"	D	Earth 2; limestone 28; limestone and sandstone mixed 37.
FKT Con VII " 14	G.Smith	W.H.Davy & Son	Jan.14,1953	6 1/2	7	15	15	"	S	Clay 3; blue limestone 58.
FKT Con VII " 36	C.J.Anderson	"	Aug.31,1954	6 1/2	7	30	25	"	D	Sand 20; blue limestone 57.
Wolfe Island Twp.										
BLN Con IX lot 1	B.Kane	W.H.Davy & Son	Jul. 8,1954	6 1/2						Blue clay 10; blue limestone 90. Dry hole.
BLN Con XIII " 2	P.Casey	"	Jun.25,1954	6 1/2	9	40	14	Fresh	D,S	Blue clay 65; blue limestone 82.
BLS Con V " 2	J.McAllester	"	Sep.30,1953	6 1/2	20	30	20	"	S	Blue clay 6; blue limestone 48.
BLS Con IX " 1	W.Grant	"	Jul.10,1954	6 1/2						Blue clay 5; blue limestone 63. Dry hole.
RP 73 " 1	School	"	Sep.24,1953	6 1/2	9	30	8	"	P	Clay 3; blue limestone 65.
RP 73 " 1	Community	"	Sep.28,1953	6 1/2	5	42	6	"	P	Clay 1; black limestone 42.
(Wolfe Island) Centre										
RP 73 " 1	R.Janzer	W.H.Davy & Son	Jun.21,1954	6 1/2	5	84	25	Salt	D	Clay 2; blue limestone 84.
RP 73 " 1	E.Whitmarsh	"	Jun.29,1954	6 1/2						Blue clay 3; blue limestone 70. Dry hole.
RP 73 " 2	B.Landrie	"	Jun.16,1954	6 1/2	10	10	10	Fresh	P	Clay 1; blue limestone 42.
RP 73 " 14	E.Hawkins	"	Jul. 3,1954	6 1/2	7	45	30	"	D,S	Blue clay 2; blue limestone 83.
GLENGARRY COUNTY										
Charlottenburgh Twp										
IL Con II lot 11	D.Porrier	Poliskin Well Drilling	Jan.20,1954	6	8	20	15	Fresh	In	Hardpan 74; gravel 80; limestone 120.
IL Con VII " 16	L.Burelle	"	Sep.20,1953	6						Dug well 31; limestone 102. Dry hole.



BLENGARRY COUNTY-cont.

Charlottenburgh

Twp.-cont.

IL Plan	101	lot 7	W. Lelande	Poliskin Well	Aug. 20, 1954	5	4	18	14	Fresh	J	Hardpan 40; hardpan sand 50; sand 55; gravel 60.
IL	"	" 12	W. Lalonde	" Drilling	Aug. 20, 1954	5	4	23	14	"	J	Hardpan 53; gravel 60.
IL	"	" 17	J. Thompson	Munroe Bros.	Jul. 20, 1953	5	4	13	3	"	D	Stones coarse gravel 23; hardpan 39; blue clay 47; hardpan 53; coarse gravel 58.
IL	"	" 17	J. P. Lavigne	Poliskin Well	Aug. 1, 1954	5	4	35	10	"	J	Hardpan 60; gravel 64.
IL	"	" 17	P. Wattie	" Drilling	Aug. 8, 1954	5	4	21	10	"	J	Hardpan 50; gravel 61.
IL	"	" 17	K. Landy	A. Gauthier	Sep. 4, 1954	4	2 1/2	12	5	"	J	Hardpan 20; sand 35; gravel 38.
IL	"	" 17	A. Moise	"	Sep. 18, 1954	4	7	25	16	"	D	Old well 16; hardpan 46; gravel 43.
IL	"	" 22	E. Sabourin	Munroe Bros.	Aug. 7, 1953	5	7	12	7	"	D, S	Dug well 38; gravel 57; slate 99.
LF Con I	"	"	A. G. Lick	A. Charlebois	Jul. 25, 1954	5	9	5	4	"	D	Bluish clay 5; hardpan 35; gravel 40.
LF	"	" 1	Royal Trust Co	Poliskin Well Dr.	May 31, 1954	6	8	25	20	"	P	Hardpan 32; gravel 85; limestone 120; dolomite 130.
LF	"	" 14	A. Beauchamp	Munroe Bros.	Aug. 20, 1953	5	3	18	11	"	D	Coarse gravel 23; blue clay 41; hardpan 52; fine gravel 60.
LF	"	" 22	F. M. Laing	Poliskin Well	Jul. 2, 1953	6	7	16	10	"	P	Hardpan 47; gravel 48; shale 7d.
LF	"	" 22	J. Brault	" Drilling	Feb. 8, 1954	6	4	6	Flows	"	P	Sand 82.
LF	"	" 24	P. Prevost	"	Jun. 15, 1954	6	8	15	8	"	D, S	Sand 7; hardpan 50; gravel 55.
LF	"	" 16	A. McNaught	"	Mar. 15, 1954	6	4	18	10	"	D, S	Hardpan 65; gravel 70; limestone 106.
LF	"	" 17	C. Loney	"	Dec. 22, 1953	6	6	14	8	"	D, S	Hardpan 46; gravel 49; limestone 98.
LF	"	" 15	D. A. McLennon	"	Feb. 21, 1954	6	8	23	15	"	D, S	Hardpan 54; gravel 60; limestone 80.
LF	"	" 8	School	R. H. Casselman	Jun. 18, 1953	6	15	19	10	"	P	Top soil 1; coarse gravel 20; gravel 31; limestone 136.
LF	"	" 4	A. Guesnel	Poliskin Well	Feb. 28, 1953	6	8	33	29	"	D, S	Dug well 42; hardpan 54; gravel 58; limestone 80.
LF	"	" 5	C. McDonald	" Drilling	Mar. 7, 1953	6	8	28	25	"	D, S	Hardpan 55; gravel 58; limestone 90.
LF	"	" 1	A. Constant	"	Aug. 30, 1954	5	8	33	15	"	D, C	Hardpan 63; gravel 70.
LF	"	" 1	L. Crevier	"	Sep. 10, 1954	5	8	30	12	"	"	Hardpan 68; gravel 70.
LF	"	" 10	J. Valliancourt	"	Sep. 23, 1954	6	8	16	9	"	D	Hardpan 73; gravel 75; limestone 125.
LF	"	" 1	J. Roy	"	Sep. 10, 1954	6	8	18	11	"	D	Hardpan 80; gravel 82.
RRN	"	" 49	School	"	Nov. 27, 1953	6	10	30	15	"	P	Hardpan 58; gravel 60; limestone 135.
Kenyon Twp.												
Con I	lot 37		A. Dancause	Munroe Bros.	May 1, 1953	5	5	15	5	Fresh	D	Stones coarse gravel 18; hardpan 35; blue clay 49; hardpan 60; gravel 66.
Con XVI	" 8		A. C. Vallance	"	Mar. 1, 1953	5	4	23	6	"	S	Coarse gravel 42; black rock 66.
Lancaster			J. M. Kenny	Poliskin Well	Aug. 19, 1953	6	10	14	12	"	D, C	Clay 4; hardpan 41; gravel 43; shale 58.
Lancaster Twp.				Drilling								
Con I	lot 19		K. S. Wier	Poliskin Well	May 28, 1953	6	5	5 1/2	2 1/2	Fresh	D	Clay 50; gravel 52; shale 77.
Con II	" 18		H. Pournier	" Drilling	Jun. 12, 1954	6	8	35	18	"	D, S	Hardpan 74; gravel 75; limestone 85.
Con IV	" 32		J. A. Wightman	A. Charlebois	Dec. 22, 1953	5 1/2	9		23	"	S	Hardpan 25; white limestone 115.
Con IV	" 34		J. St. Pierre	"	Jul. 15, 1954	5	6	30	25	"	S	Bluish clay 6; hardpan 70; white limestone 130.
Con VI	" 23		Sep. School #8	J. C. Lecuyer	Jun. 30, 1954	5	10	15	2	"	P	Clay 8; hardpan 40; gravel 43.
Con VI	" 27		W. J. Major	Poliskin Well Dr.	Aug. 26, 1953	6	10	12	6	"	D, S	Hardpan 46; gravel 48; limestone 80.
Con VIII	" 38		L. Lajoie	D. Lefebvre	Jun. 15, 1953	4			9	"	D	Clay 12; hardpan 22.
Con VIII	" 38		L. Hutt	Poliskin Well Dr.	Sep. 15, 1954	5	8	16	10	"	D	Hardpan 43; gravel 45.
			D. Joonette	D. Lefebvre	Sep. 8, 1953	4	6	10		"	D	Solid rock 15.
Lochiel Twp.												
Con I	lot 7		B. Laviqueur	D. Lefebvre	May 15, 1954	4				Fresh	D	Clay 40.
Con I	" 7		O. Belanger	"	Jun. 15, 1954	4				"	D	Clay 15.
Con I	" 20		School S. #11	A. Charlebois	Nov. 27, 1953	4	2	108	20	"	P	Old well 39; grey limestone 108.
Con II	" 3		E. Cuierrier	D. Lefebvre	Jul. 6, 1953	4			2	"	D, S	Clay 10; hardpan 20.
Con II	" 7		Sep. School #12	"	Jun. 30, 1953	4			3	"	P	Clay 40; hardpan 55.
Con III	" 5		R. Compeau	B. Campbell	Nov. 28, 1953	5	5		10	"	D, S	Stones boulders sand 43.
Con III	" 14		R. Wylie	A. Charlebois	Oct. 3, 1953	5	3	25	20	"	D, S	Hardpan 44; limestone 60.
Con V	" 25		P. Sabourin	"	Nov. 7, 1954	5	5	29	27	"	D, S	Loam 6; hardpan 80; gravel 87.
Con VI	" 10		J. Dunavan	Poliskin Well	Aug. 10, 1954	6	8	21	18	"	D, S	Hardpan 70; gravel 72; limestone 125.
Con VI	" 17		B. Dunavan	J. C. Lecuyer	Aug. 25, 1953	5	10	10	4	"	D	Hardpan 32; gravel 33.
Con VI	" 27		W. J. Gillway	A. Charlebois	May 19, 1953	6	5	26	24	"	D, S	Grey hardpan boulders 55; grey limestone 117 1/2.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>GLENHARRY COUNTY-</b>										
cont. Lochiel Twp. cont.										
Con VII lot 9	A. Campbell	A. Charlebois	Aug. 20, 1953	5	27	21	21	Fresh	D	Old well 20; hardpan 65; limestone 139.
Dalkeith	"	"	"	"	"	"	"	"	"	"
Con VII " 21	J.W. Leod	Polisxin Well Dr.	Aug. 30, 1954	5	10	15	10	"	D	Hardpan 40; gravel 45; limestone 62.
Con IX " 19	E. Laviolette	B. Campbell	Oct. 30, 1953	5	10	14	14	"	D,S	Clay 10; hard limestone 80.
Con IX " 20	H.D. Aoust	"	Nov. 14, 1953	5	72	15	15	"	D,S	Sandy earth 15; hard limestone 75.
Maxville	N. Chisholm	Munroe Bros.	Sep. 18, 1954	5	4	33	14	Fresh	D	Gravel stones 20; hardpan 42; black rock 142.
Maxville	J. Jamieson	J.R. Ferguson	Nov. 22, 1954	5	24	147	13	"	D	Sand 5; hardpan 30; slate 142; limestone 147.
Maxville	N. Chisholm	"	Dec. 3, 1954	5	3	35	3	"	D	Sand 7; hardpan 43; grey slate 96.
Maxville	D.S. Ferguson	"	Dec. 9, 1954	5	3	18	7	"	"	Sand 12; hardpan 23; grey slate 43.
Maxville	K. Leauliu	"	Dec. 20, 1954	5	2	21	13	"	D,C	Sand 10; hardpan 24; grey slate 512.
<b>GREENVILLE COUNTY</b>										
Augusta Twp.										
Con I lot 9	P. Price	R. Kenny	Jun. 9, 1953	5 1/2	5	20	11	Fresh	P	Clay 4; limestone 74.
Con I " 13	W.J. Myers	I. Simzer & Sons	Apr. 22, 1953	5	9	10	16	"	C	Clay 20; quicksand 60; coarse gravel 62; hard limestone 70.
Con I " 14	C. Moore	"	Mar. 21, 1953	5	9	20	16	"	D	Sand 30; limestone 78.
Con I " 14	J. Jenkins	"	Jul. 21, 1953	5	10	10	10	"	P	Sand 5; gravel 3; limestone 32.
Con I " 14	C. Carson	"	Jul. 25, 1953	5	3	40	5	"	"	Dug well 12; hardpan 16; hard limestone 50.
Con I " 14	Dr. Meyers	R.H. Casselman	Aug. 21, 1953	6	18	18	15	"	D	Top soil 4; sand 10; gravel 18; clay 45; soft light-grey limest. 6yq.
Con I " 22	D.G. Jones	G.V. Little	Apr. 14, 1953	6	13	20	2	"	D	Clay 5; greyish coloured sand 15; grey limest. 30; grey sandstone 54.
Con I " 22	J. Jones	"	Dec. 9, 1954	5 1/2	9	35	11	"	D, In	Previously dug 19; gravelly hardpan boulders 30; coarse grey sandstone 80.
Con I " 25	J. Debruin	R. Kenny	Sep. 20, 1954	6	13	11	9	"	D	Sandstone 61.
Con I " 29	W. Rintoul	C.K. Morrison	Aug. 2, 1953	5	7	17	13	"	D	Till hardpan 30; sandstone 49.
Con I " 29	Trans Northern Pipe Line Co.	R.H. Casselman	Sep. 13, 1954	5	9	40	17	"	In	Top soil 1; fine-grained sandstone 148.
Con I " 30	M.L. McDowell	Lackey & Scott	May 16, 1953	6	3	20	20	"	D	Earth 20; sandstone 40.
Con I " 30	P. Webster	I. Simzer & Sons	Aug. 31, 1953	5	5	35	15	"	D	Hardpan 14; sandstone 91.
Con I Haitland	L. Countryman	G.V. Little	Nov. 6, 1953	5	4	40	10	"	D	Gravelly loam 5; grey limestone 17; grey sandstone 70.
Con I " 30	School	"	Jun. 7, 1954	6 1/2	13	30	9	"	P	Clay loam 3; grey limestone 30; grey sandstone 51.
Con I " 30	T. Lugthart	"	Jun. 25, 1954	6 1/2	9	25	12	"	D	Clay loam 1; grey limestone 30; dark-grey limestone 100.
Con I " 30	L. Roth	"	Jul. 9, 1954	6 1/2	7 1/2	70	14	"	D	Clay loam 4; hardpan small boulders 15; grey limestone 30; dark-grey sandstone 100.
Con I " 31	K. Wallace	R. Kenny	Jun. 15, 1953	5 1/2	5	42	12	"	D	Clay 3; limestone 69.
Con I " 31	L. Warren	G.V. Little	Nov. 21, 1953	6	6	62	7	"	D	Loam 2 1/2; hard grey limestone 70.
Con I " 31	B. Kelly	G.V. Little	Sep. 4, 1954	6 1/2	5	48	6	"	D	Clay loam 2; grey sandstone 60.
Con I " 32	M.A. Labreque	R.H. Casselman	Aug. 2, 1953	6	18	24	18	"	D	Sand 1; hard fine-grained sandstone d7.
Con I " 33	R. Brennan	R. Kenny	Nov. 24, 1954	6	15	15	15	"	D	Loam 8; white sandstone 60.
Con I " 35	C. V. Morrison	C.V. Morrison	May 22, 1953	6	9	70	50	"	D,S	Previously drilled 80; hard granite sandstone 141.
Con I " 35	"	"	Dec. 24, 1953	6	13	40	40	"	D,S	Previously drilled 141; sandstone 198.
Con I " 35	B. Warren	R. Kenny	Oct. 9, 1954	6	18	50	30	"	D	Clay 5; crystallized sandstone 66.
Con I " 37	R.A. Robertson	R.H. Casselman	Apr. 5, 1954	6	18	20	13	"	D	Top soil 2; broken sandstone 10; very tight grained sandstone 109.
Con I " 37	G. Hall	C.V. Morrison	Nov. 26, 1954	6	9			"	D	Clay boulders 19; sandy limestone 56.
Con II " 2	R. Guy	I. Simzer & Sons	Jul. 31, 1953	5	6	20	8	"	D	Hardpan 4; hard limestone 44.
Con II " 2	P. Lannin	"	Aug. 5, 1953	5	10	9	9	"	D	Hardpan 3; hard limestone 39.
Con II " 2	A. Woodward	"	Aug. 13, 1953	5	10	10	10	"	D	Hardpan 8; hard limestone 34.
Con II " 14	Ont. Hydro Elec.	"	Sep. 14, 1953	5	7	20	11	"	P	Clay 3; hardpan 9; hard limestone 91.
Con II " 24	Kemp Bros.	"	Aug. 3, 1954	5	33	25	25	"	D	Hardpan 3; sandstone 47.
Con II " 24	"	"	Aug. 18, 1954	5	33	33	33	"	D	Hardpan 1; sandstone 47.
Con II " 24	L. Hepburn	"	Sep. 1, 1954	5	7	30	25	"	D	Sandstone 44.
Con II " 29	Kemp Bros.	"	May 11, 1953	5	9	40	20	"	D	Sand 5; hardpan 14; hard limestone 106.
Con II " 37	H. McCormick	C.V. Morrison	Nov. 17, 1954	6			10	"	D	Clay boulders 20; sandy limestone 66.

GRENVILLE COUNTY-cont.

Augusta Twp.-cont.

Con III	lot 2	E. Polajski	W. Lewis	Jul. 1, 1953	6	6	21	18	Fresh	D	Earth 3; hardpan gravel boulders 19½; grey limestone 76.
Con III	" 3	M. Asborne	"	Jul. 14, 1953	6	6	5	3½	"	D	Earth 2; grey limestone 26.
Con III	" 5	S. Swan	"	Aug. 1, 1953	6	6	16	16	"	D	Shale 3; grey limestone 36.
Con III	" 12	C. Hough	R. Kenny	May 27, 1953	5½	5	8	7	"	D	Sand 30; limestone 51.
Con III	" 18	J. Myers	"	Sep. 23, 1953	6	12	25	8	"	D	Brown clay 6; hard grey limestone 86.
Con III	" 37	M. Watson	H. Davis	Aug. 17, 1954	5½	5	15	15	"	D	Clay 16; limestone 60.
Con IV	" 3	S. Coye	W. Lewis	Oct. 8, 1953	6	6	25	20	"	D	Sand 11; gravel hardpan 26; grey limestone 68.
Con IV	" 30	H. Hamelin	I. Simzer & Sons	Jun. 15, 1953	5	5	20	15	"	D	Hardpan 3; sandstone 38.
Algonquin											
Con V	" 11	H. Covel	W. Lewis	Aug. 17, 1953	6	6	23	23	"	D	Black earth 2; gravel hardpan boulders 11; grey limestone 36.
Con V	" 11	"	"	Dec. 3, 1953	6	6	16	16	"	J	Earth 3; gravel hardpan boulders 11; grey limestone 36.
Con V	" 12	H. Scott	"	Oct. 17, 1953	6	6	18	16	"	D	Earth 3; gravel hardpan boulders 11; grey limestone 39.
Con V	" 30	E. Salmon	T. L. Davis	Nov. 15, 1954	5	6	24	18	"	D	Soil 2; limestone 38.
Con VI	Roebuck 5	T. Kelso	I. Simzer & Sons	Aug. 11, 1954	5	33	25	25	"	D	Hardpan boulders 27; limestone 42.
Con VI	" 7	R. Kelso	R. H. Casselman	Sep. 9, 1954	5	9	24	16	"	D	Old well 12; very hard limestone 50.
Con VII	" 23	Sep. School #15	Plant Bros.	Mar. 10, 1953	5	8	90½	10	"	P	Sand 1½; limestone 90½.
Con VIII	" 34	W. L. Beaton	"	May 28, 1953	5	5	10	10	"	D	Clay gravel 23; limestone 25½.
Con VIII	" 34	"	G. V. Little	May 1, 1954	5½	5	30	Flows	"	D	Fill 2; gravelly hardpan 30; grey limestone 42.
Con IX	" 34	Anglican Church Rectory	C. V. Morrison	Nov. 15, 1954	5	2	Flows	Flows	"	D	Clay boulders 22; limestone 45.
Edwardsburgh Twp.											
Con I	lot 2	H. Irwin	I. Simzer & Sons	May 26, 1954	5	33	9	8	Fresh	D	Clay 27; limestone 59.
Con I	" 3	G. Kerr	R. Kenny	Sep. 1, 1953	5	5	8	5	"	D	Sand 3; limestone 45.
Con I	" 12	R. Adams	I. Simzer & Sons	Dec. 4, 1954	5	18	18	16	"	D	Hardpan boulders 43; hard limestone 80.
Con I	" 17	W. Perry	R. H. Casselman	Mar. 5, 1954	5	5	65	40	"	D	Top soil 4; till 21; coarse gravel 53; clay sand 68; till 75; hard grey limestone 92.
108 Con I	" 27	K. Payie	I. Simzer & Sons	Oct. 18, 1954	5	5			"	D	Clay 25; sand 52; hard limestone 83.
Con I	" 33	Trans Northern Pipe Line Co.	R. H. Casselman	Aug. 5, 1954	5	13	15	7	"	In	Top soil 1; hardpan 5½; medium dark grey limestone 74.
Con I	" 36	M. Barnes	I. Simzer & Sons	Jun. 30, 1954	5	33	30	28	"	D	Hardpan boulders 33; sandstone 96.
Con III	" 1	Ont. Hydro Elec.	R. H. Casselman	Feb. 11, 1954	5	18	8	3	"	P	Top soil 3; clay 8; hard packed gravel 36; limestone 46.
Con III	" 25	C. Riley	"	Feb. 2, 1954	5	18	24	19	"	D	Top soil 2; gravel small boulders 25; fine sand 35; very hard limestone 61.
Con III	" 25	E. Hocke	I. Simzer & Sons	Sep. 11, 1954	5	9	15	12	"	D	Grey limestone 83.
Con III	" 26	E. Smith	"	Jul. 18, 1953	5	9	22	18	"	D	Dug well 18; hard limestone 66.
Con VI	" 25	W. MacIntosh	"	Jul. 10, 1954	5	9	10	1	"	D	Clay 20; gravel clay 41; brownish limestone 95.
Con VI	" 26	S. Shannon	G. Poupore	Jun. 5, 1954	5	9	12½	12	"	D	Gravel clay stones 4½; hard limestone 29.
Con VI	" 26	C. Mullin	"	Oct. 28, 1954	5	9	10	10	"	D	Gravelly soil 2; seamy rock 18; grey limestone 40; fine dark-grey sand 44½.
Con VII	" 25	H. Connell	I. Simzer & Sons	Nov. 18, 1953	5	3	30	Flows	"	D	Hardpan boulders 25; hard limestone 109.
Kemptville		H. Barnes	Lackey & Scott	Jun. 21, 1954	5	5	21	21	Fresh	D	Clay 25; limestone 84.
Kemptville		S. A. Hurbert	"	Jul. 9, 1954	5	5	15	15	"	D	Clay 16; limestone 32½.
Merrickville		G. Mulligan	Lackey & Scott	Jun. 15, 1953	6	5	15	15	Fresh	D	Earth 12; limestone 62.
Merrickville		D. Epton	"	Apr. 28, 1954	5	7		20	"	D	Clay 12; limestone 60.
Oxford Twp.											
Con I	lot 4	E. Heaphey	Lackey & Scott	Jan. 2, 1953	6	7	3	3	Fresh	D	Clay 3; limestone 58.
Con I	" 26	G. Carter	"	Jul. 2, 1953	5	3	32	30	"	D	Dug well 30; gravel earth 40½.
Con III	" 25	C. Arcand	"	Aug. 28, 1953	5	2½		25	"	D	Earth 10; limestone 41.
Con III	" 26	D. Kaloney	"	Dec. 5, 1953	5	3	18	18	"	D, S	Clay 12; limestone 27.
Con V	" 17	A. Griffiths	"	Sep. 14, 1953	5	7	12	12	"	D	Earth 32; limestone 57.
Oxford Mills											
Con VII	lot 27	E. Pinley	"	Aug. 4, 1954	5	5	15	12	"	D	Clay 16; limestone 42.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>GREENVILLE COUNTY-</b>										
<b>cont.</b>										
South Gower Twp.										
Con I lot 3	A. Alix	I. Sinczer & Sons	Oct. 11, 1954	5	3	15	12	Fresh	D	Sand 70; limestone 130.
Con II " 6	R. Beggs	G. Poupore	May 25, 1954	5	5	7	7	"	D	Black ground 2; gravel boulders 20; fine grey sand pebbles 25; soft grey limestone 90.
Con VI " 6	A. McGovern	Lackey & Scott	Jan. 3, 1954	5	5	16	15	"	D	Dug well 15; clay 33.
Wolford Twp.										
Con A lot 3	A. Kelly	Lackey & Scott	Sep. 24, 1954	5	5	16	14	Fresh	P	Clay 12; white limestone 42.
Con B " 1	C. H. Miner	"	Feb. 23, 1953	5	5	25	25	"	D	Clay 3; limestone 72.
Con C " 5	J. O'Brien	"	Oct. 23, 1953	5	5	12	12	"	D	Clay 12; limestone 39.
Con D " 30	K. R. Smith	J. Murphy	May 18, 1954	5 1/2	3	40	21	"	D	Clay gravel few boulders 74; blue limestone 89.
Con I " 9	J. McMullen	Lackey & Scott	Nov. 20, 1953	5	9	3	3	"	D	Clay 6; limestone 53.
Con I " 30	J. McDougal	C. V. Morrison	Mar. 12, 1953	5	3	3	Flows	"	D	Loam 1; limestone 72.
Con II " 21	J. Empey	"	Feb. 12, 1953	5 1/2	5	18	12	"	D	Clay hardpan 30; limestone 75.
Con II " 25	C. S. Phillips	Lackey & Scott	Mar. 30, 1953	5	3	6	6	"	D	Clay 16; limestone 70.
Con II " 25	C. Phillips	C. V. Morrison	Oct. 10, 1953	5	7	30	25	"	D	Previously drilled 77; limestone 99.
Easton's Corners										
Con V lot 8	School S. #18	Lackey & Scott	Sep. 7, 1954	5	5	28	25	"	P	Red clay earth 20; limestone 57.
<b>GREY COUNTY.</b>										
Artemesia Twp.										
Con VII lot 39	Partridge Bros	M. S. Bellerby	May 1, 1954	5	5	14	14	Fresh	D	Sand gravel 60; white limestone 55.
Con XIV " 21	P. Davis	Pratt Bros.	Aug. 27, 1954	4	2	100	35	"	D	Clay fill 5; shale rock 20; brown limest. 65; white limest. 100.
DRN Con II " 20	S. Muir	E. J. Pratt & Sons	Aug. 10, 1953	4	6	70	60	"	D, S	Coarse gravel 20; sandy clay 50; clay hardpan large boulders 90; clay sand small stones 120; gravel 125.
601 DRN Con II " 20	A. S. Muir	M. S. Bellerby	Sep. 23, 1953	4	5	90	90	"	D, S	Sand 160; limestone 206.
DRN Con II " 71	A. Plant	"	Jul. 10, 1953	4	10	20	20	"	D, C	Clay boulders 65; rock 120.
Portlaw										
DRN Con III " 1	D. Campbell	Pratt Bros.	May 10, 1954	4	6	35	30	"	D, S	Sandy clay stones 30; clay hardpan 70; yellow clay 140; gravel 175; shaly rock 180.
DRS Con II " 6	A. Odell	M. S. Bellerby	Jan. 25, 1953	4	5	135	90	"	D, S	Clay 50; quicksand 85; sand gravel 111; clay small stones 206; limestone 235.
SRE Con I " 107	A. Foster	Pratt Bros.	Sep. 4, 1954	4	10	35	30	"	D	Sandy clay 30; hardpan 40; brown limest. 74; yellow clay shale 78.
SRE Con II " 186	R. MacLennan	P. H. McLuhan	May 22, 1954	4	5	45	17	"	D, S	Top soil 2; sand gravel 60; shale rock 65.
SRW Con II " 169	S. Hindle	M. S. Bellerby	Aug. 6, 1954	4	9	11	11	"	D, S	Sand gravel 40; clay stones 100; limestone 143.
Bentinck Twp.										
Con V lot 9	L. Monk	L. H. Weirmier	Jul. 26, 1954	4	10	15	9	Mineral	D, S	Top soil 2; yellow sand 30; grey clay sand large boulders 60; small stones clay sand 150; shale rock 152.
DRS Con III " 7	G. Burr	Pratt & Sons	Dec. 8, 1953	4	10	47	47	Fresh	D, S	Blue clay 20; layers of clay rock 67.
GRW Con I " 30	E. Matthews	"	Jan. 23, 1953	4	6	24	22	"	D	Gravel 20; sand 40; soft grey rock 66.
GRW Con III " 41	H. McDonald	Pratt Bros	Jun. 16, 1954	4	10	16	13	"	D, S	Rough clay gravel 20; clay hardpan small stones 40; blue shaly rock 60; solid white limestone 72; very hard white limestone 92.
Chatsworth										
Chatsworth	C. Pinn	L. H. Weirmier	Apr. 20, 1954	4	15	17	17	Fresh	D	Red clay 15; gravel red clay 40; gravel 43; limestone 45 1/2.
Chatsworth	E. Scholdice	"	Apr. 26, 1954	4	15	12	18	"	D, S	Red clay 20; gravel red clay 30; hardpan 35; limestone 43.
Chatsworth	L. Cooke	"	Sep. 8, 1954	4	15	3	6	"	D	Top soil 2; sand grey clay 23; gravel 25; limestone 27 1/2.
Collingwood Twp.										
Con I lot 20	F. Mackatt	R. Nimmo	Sep. 29, 1953	4	5	8	8	Fresh	D	Sand 24; limestone 40.
Con I " 21	A. Trotman	"	Aug. 18, 1954	4	5	15	8	"	D	Sand clay 25; limestone 32.
Con I " 21	J. Cunt	W. W. Dinsmore	Sep. 7, 1954	4	4	2	2	"	D	Sand 5; shale 25.
Con II " 19	A. Yates	"	Sep. 30, 1954	4	2	8	2	"	D	Clay 2; red shale rock 13.
Con II " 21	J. R. Counell	C. Bartley	Oct. 11, 1954	4	3	24	22	"	D	Sand 18; white limestone 27.
Con III " 23	M. Purvis	W. W. Dinsmore	Aug. 30, 1954	4	4	6	6	"	D	Sand 2; shale 36.

GREY COUNTY-cont.

Collingwood Twp. cont

Con III	lot 23	G. Daley	W.W. Dinsmore	Sep. 18, 1954	4	10	8	Fresh	J	Sand 2; shale 36.
Con IV	" 6	V. Hogg	C. Bartley	Nov. 12, 1954	4	3	47	"	D	Top soil 1; clay boulders 20; yellow hardpan 53; grey limest. 74.
Con IV	" 24	A. Campbell	W.W. Dinsmore	Nov. 20, 1953	4	2 1/2	10	"	"	Clay 4; shale rock 41.
Con IV	" 25	Ont. Dep. Hwy.	R. Nimmo	Aug. 20, 1953	4	"	"	Sulphur	"	Shale rock 6; black rock 70. Not in use.
Con IV	" 25	"	"	Aug. 27, 1953	4	"	"	"	"	Shale rock 6; black rock 70. Flugged.
Con IV	" 25	"	"	Sep. 3, 1953	4	"	"	Fresh	"	Shale rock 7; black rock 40.
Con VIII	" 22	Victoria School	W.W. Dinsmore	Jul. 2, 1953	4	5	14	"	P	Sandy loam gravel 40; blue clay flagstone 75.
Con VIII	" 22	G. Aurthier	"	Dec. 8, 1953	4	5	30	"	D,S	Sand gravel 40; blue clay shale 63.
Con IX	" 10	S. Birtretzam	"	Jun. 18, 1953	4	7	36	"	D,S	Sand gravel 9; limestone 76.
Con IX	" 25	K. Ardiel	"	Jun. 3, 1954	4	5	20	"	D,S	Clay 20; sand gravel 59; blue clay 78.
Con X	" 31	P. Buchanan	"	Nov. 22, 1954	4	2	41	"	D	Clay 20; sand gravel stones 46.
Con X	" 31	J. Lake	"	Dec. 18, 1954	4	5	65	"	"	Clay gravel 50; sand gravel 86.
Con XII	" 11	C. Ward	"	Jun. 18, 1954	4	4	55	"	D,S	Limestone 18; blue clay shale 40; red clay layers of red shale 85.

Derby Twp.

Con I	lot 8	J. Crossley	Wright Bros.	Jul. 23, 1954	5	12	121	12	Fresh	D	Soil 12; limestone 121.
Con I	" 8	W. MacRabb	"	Jul. 27, 1954	4 1/2	18	40	8	"	D	Soil 5; limestone 40.
Con I	" 9	S. Kelling	D. Wright & Sons	Apr. 28, 1953	4 1/2	5	30	6	"	D	Yellow clay 6; limestone 50.
Con I	" 10	W. Hicks	"	Apr. 21, 1953	4 1/2	"	10	5	"	D	Clay 1; brown rock 42.
Con I	" 13	W. Dodgson	"	Jun. 23, 1953	5	1/2	"	60	"	D	Bedrock 75; blue shale 80; red shale 105.
Con I	" 14	M. Holmes	"	May 20, 1953	5	"	40	35	"	D	Clay 3; bedrock 71; blue and red shale 81.
Con I	" 14	S. Podnick	S. & O. Wright	May 21, 1954	4 1/2	"	102	50	"	"	Soil 2; limestone 67 1/2; blueshale 77 1/2; red shale 102. Abandoned insufficient supply.
Con I	" 14	J. Parson	"	Jun. 8, 1954	4 1/2	10	40	40	"	D	Soil 6; limestone 70; blue shale 117.
Con I	" 14	J. Watson	"	Sep. 29, 1954	4 1/2	10	42	42	"	D	Soil 5; limestone 75; red and blue shale 85.
Con III	" 12	E. Thompson	"	Jun. 28, 1953	4 1/2	10	21	6	"	D	Limestone 36.
Con III	" 12	School S. # 2	Wright Bros. L&A	Aug. 4, 1954	5	12	90	13	"	P	Soil 13; limestone 38; blue shale 90.
Con III	" 13	E. McMillan	"	Aug. 14, 1954	5	12	71 1/2	10	"	D	Soil 4; limestone 71 1/2.
Con III	" 17	B. McKay	R&S	Jun. 5, 1953	4 1/2	10	"	15	"	"	Fine sand 10; blue clay 30; red shale 50; gravel small stones 60.
Con III	" 17	M. Stewart	D. Wright & Sons	Jul. 17, 1953	3 1/2	12	30	30	"	D,S	Clay boulders 40; coarse gravel 53.
Con III	" 17	M. Gostich	"	Aug. 29, 1953	5	15	50	40	"	C	Yellow clay 60; coarse gravel 81.
Con III	" 17	M. Vance	"	Oct. 15, 1953	4 1/2	12	45	45	"	D	Dug well 20; yellow clay boulders 70; gravel 71; yellow clay 100; gravel 101.
Con III	" 17	W. F. Moyes	Wright Bros. R&S	Sep. 15, 1954	5	8	60	56	"	D	Previously drilled 54; hard blue shale 80; red shale 85; blue rock 86; grey limestone 104; limestone 110.
Con III	" 17	Pelts & Young	D. Wright & Sons	Sep. 27, 1954	4	7	50	30	"	D	Clay gravel boulders 40; red shale 99.
Con IV	" 12	G. W. Harvie	Wright Bros. L&A	Nov. 27, 1953	4 1/2	12	90	10	"	D	Shaly rock soil 3; limestone 90.
Con IV	" 14	N. Crane	Wright Bros. R&S	Sep. 11, 1954	4	5	15	10	"	"	Sand clay 10; heavy clay 14; blue limestone 16; grey limest. 40.
Con IV	" 17	L. Rourke	"	Apr. 28, 1953	4 1/2	5	"	10	"	D	Loam stones 10; clay 14; limestone 75.
Con IV	" 17	W. E. Foster	S & O Wright	Apr. 23, 1954	4 1/2	10	30	14	"	D	Clay stone 18; limestone 57.
Con V	" 17	W. Kennedy	Wright Bros. R&S	Aug. 11, 1954	5	10	15	10	"	D	Top soil 6; blue clay 8; limestone 83.
Con VI	" 9	R. Crozier	D. Wright & Sons	May 30, 1953	4	"	35	20	"	D	Clay 4; bedrock 75.
Con VII	" 11	W. Crozier	"	Jul. 17, 1953	4 1/2	"	35	35	"	D	Clay gravel boulders 45; bedrock 65.
Con VII	" 17	W. Miller	Wright Bros. R&S	May 1, 1953	4 1/2	3	"	16	"	D	Previously drilled 70; limestone 93.
Con VIII	" 1	United Church	" L&A	Sep. 3, 1953	4 1/2	12	33	18	"	D	Soil stones 20; rock 33.
Keady	"	"	"	"	"	"	"	"	"	"	"
Con IX	" 1	Keady Cattle Sales	"	Aug. 26, 1953	5	12	33	10	"	S	Soil 13; rock 33.
Con IX	" 1	C. Fleming	"	Aug. 29, 1953	5	12	32	12	"	D	Soil 19; rock 32.
Con X	" 16	J. Radbourne	S & O Wright	Dec. 4, 1953	4 1/2	10	165	25	"	D,S	Previously drilled 85; clay 101; hard limestone 165; light coloured rock 185.
I.S.	" 8	J. Hall	D. Wright & Sons	Jun. 30, 1954	4 1/2	8	12	8	"	D,S	Clay gravel 32; brown rock 60.
Dundalk	"	School	M. S. Bellerby	Apr. 1, 1953	5 1/2	15	30	18	Fresh	P	Clay boulders 80; gravel 102; rock 369.
Dundalk	"	B. Wright	"	Jun. 28, 1953	4	10	20	20	"	D	Clay boulders 119; rock 141.
Dundalk	"	Aitchison Baker	"	Jul. 14, 1953	3 1/2	10	20	20	"	C	Clay boulders 80; gravel 102; rock 136.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GREY COUNTY-cont.										
Dundalk	C. McRea	M.S. Bellerby	Dec. 12, 1953	4	5	25	16	Fresh	D	Marican stones clay 102; limestone 159.
Dundalk	P. Dales	"	Jan. 7, 1954	4	5	35	27	"	1a	Clay stones 110; white limestone 165.
Dundalk	Williams/Corbett	"	Mar. 20, 1954	4	4	235	29	"	D	Dug well 30; stones clay 108; broken rock 116; grey limest. 235.
Dundalk	Seely/Arnell	"	Apr. 4, 1954	4	5	10	10	"	D	Clay stones 108; white limestone 157.
Dundalk	J. Langdon	"	Oct. 15, 1954	4	4	25	25	"	D	Clay stones 100; limestone 150.
Dundalk	Post Office	"	Dec. 18, 1954	6	5	20	20	"	F	Clay stones 101; hard limestone 145.
Egremont Twp.										
Con I lot 24	J. Moyer	G.L. Davidson	Mar. 24, 1954	4	12	35	35	Sulphur	D, S	Dug well 33; quicksand 62; sand 120; quicksand 162; boulder till 204; soft rock 216.
Con VII " 2	E. Brown	R.H. Gadke	Feb. 28, 1953	4	12	8	8	Fresh	D, S	Brown clay boulders 86; sand boulders 105; brown sand 117; shale 120; blue limestone 235; white limestone 275; brown limest. 317.
Con X " 10	W. Lamont	E.A. Keeso	Oct. 14, 1953	4						Top soil 4; clay 38; gravel clay 74; sandy clay 12; pure sand 133; sand boulders 182; boulder. Dry hole.
Con X " 10	"	G.L. Davidson	Dec. 31, 1953	4	4	100	40	Fresh	D, S	Clay 18; clay gravel 76; sand gravel 112; till 126; sand gravel 164; hardpan 191; hard grey limestone 342.
Con XIII " 3	J. Alles	Pratt Bros.	Oct. 8, 1954	4	10	51	31	"	D, S	Stony hardpan 90; gravel 91; stony hardpan 160; white limest. 172.
Con XV " 5	H. Alles	E.J. Pratt & Sons	Nov. 16, 1953	4	10	12	12	"	D, S	Old well 29; gravelly clay hardpan 70; very hard hardpan 101.
Con XVII " 17	H. Leita	Pratt Bros.	Nov. 9, 1954	4	20	30	2 1/2	"	D, C	Stony clay 23; silt with sand 45; gravel 49; stony clay hardpan 78; yellow limestone 95.
Con XX " 23	C. McQueen	E.J. Pratt & Sons	Nov. 2, 1953	4	10	40	33	"	D, S	Clay 15; clay stones 30; sand clay 60; yellow clay hardpan 125; very hard hardpan 130; gravel.
GRE Con III " 9	R. Wilson	Pratt Bros.	Jul. 19, 1954	4	6	100	60	"	D, S	Yellow sand 35; gravel stones 50; clay hardpan 120; silt 127; white limestone 140; brown limest. 195; soft white limest. 223.
Euphrasia Twp.										
Con VI lot 21	B. Currie	T. Gilray	Jun. 19, 1953	4	9	21	21	Fresh	D	Dug well 21; limestone 42.
Con VI " 23	W.H. Wonch	R.H. Wonch	Jul. 23, 1953	4	10	17	17	"	D, S	Clay stone 32; gravel.
Con VII " 16	School S.#19	L.H. Weirmier	Aug. 20, 1953	4	15	16	12	"	P	Top soil 2; gravel clay 30; soft rock layers of clay 70; brown rock 76.
Con VII " 26	G. Wonch	R.H. Wonch	Jul. 8, 1953	5	5	40	28	"	D, S	Clay stone 19; solid rock 54.
Con VIII " 5	G.G. Johnston		Jul. 15, 1953	4	5	33	33	"	D, S	Clay stone 20; shell rock 55.
Con IX " 22	J. Bradner	T. Gilray	Jun. 26, 1953	4	9	28	28	"	D, S	Dug well 26; clay sand 30; limestone 72.
Con X " 25	School	L.H. Weirmier	Jun. 11, 1954	4	1 1/2	50	25	"	P	Top soil 2; clay stones 6; soft rock 30; limestone 148.
Flesherton	B. Fields	Pratt Bros.	Aug. 16, 1954	4	8	32	22	Fresh	D	Old well 58; loose gravel hardpan 90; shale rock 102; brown limestone 153.
Glenelg Twp.										
Con XII lot 6	School	E.J. Pratt & Sons	May 29, 1953	4	6	40	18	Fresh	P	Stony clay hardpan 40; clean sand 95; white limestone 118.
GRE Con I " 4	P. VanNorman	"	Jun. 22, 1953	4	6	40	Flows	"	D	Stony clay hardpan 45; shaky rock 53; solid white limestone 76.
GRE Con II " 1	C. Morrison	"	Oct. 12, 1953	4	6	60	50	"	D, S	Sand gravel 10; clay hardpan stones 60; clay few small stones 80; shaly rock 90; blue rock 109.
GRE Con II " 59	I. Wilson	"	Jun. 5, 1953	4	6	8	4	"	D	Open well 12; white limestone 32.
SRW Con II " 105	School	M.S. Bellerby	Aug. 27, 1953	4	5	30	22	"	P	Sand rough gravel 30; broken rock 65; limestone 130.
SRW Con II " 107	R. Love	Pratt Bros.	Sep. 10, 1954	4	20	16	6	"	D, S	Sand clay 14; white limestone 49.
SRW Con III " 101	A. Vangunten	E.J. Pratt & Sons	Jul. 18, 1953	4	6	18	3	"	D	Rocky clay 12; white limestone 75.
Holland Twp.										
GRE Con I lot 3	S.L. Jackson	M.S. Bellerby	Jan. 13, 1953	4 1/2	7	80	75	Fresh	D	Clay stones 94; limestone 105.
GRE Con I " 19	J.W. Neargarth	Wright Bros. & A	May 14, 1953	4 1/2	12	70	30	"	D	Soil boulders 43; rock 70.
Williamsford										
GRE Con XI lot 9	H. Connell	Pratt Bros.	Jul. 26, 1954	4	1/2	25	20	"	D, S	Top soil 5; clay 30; quicksand 60; black rotten rock red shale 66.
GRE Con XII " 2	W. Hallman	L.H. Weirmier	Sep. 14, 1953	4	3	50	30	"	D	Top soil 1; stones yellow clay 15; shale rock 30; white limestone 115; bright blue hardpan 115 1/2.

## GREY COUNTY-cont.

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Keppel Twp.													
Con VI	lot 13	I. Mackinnon	D. Wright & Sons	Jun. 13, 1953	5		20	20	Fresh	D, S	Clay boulders 16; bedrock 80.		
Con XI	" 20	E. Shoudice	Wright Bros. R&S	Sep. 23, 1953	4½	5		15	"	D, S	Loam stone 12; limestone 72.		
Con XVI	" 5	L. Lisk	D. Wright & Sons	Sep. 24, 1953	4	5	25	8	"	E	Clay 1; limestone 75.		
Con XVII	" 1	T. Metcalf	Wright Bros. L&A	Aug. 11, 1953	4½	12	64	10	"	C	Dug well 12; sand 30; rock 64.		
Con XIX	" 26	H. Boswell	J. Wright & Sons	Nov. 12, 1954	4½	3	50	12	"	C	Clay stones 10; limestone 42; red and blue shale 61.		
Con XIX	" 27	J. Dixon	S & O Wright	Jul. 15, 1953	4½	3	83	36	"	D, S	Hardpan 8; limestone 83.		
Con XIX	" 38	J. Taylor	Wright Bros. L&A	Aug. 7, 1954	5	12	64	22	"	D	Stones sand 22; limestone 45; shale 64.		
Con XIX	" 40	A. Beckett	D. Wright & Sons	Sep. 2, 1953	5	20	8	8	"	D	Clay 6; rock 36; shale 53.		
Con XIX	" 40	O. West	"	Sep. 14, 1953	5	2	40	12	"	D	Clay 6; limestone 35; blue shale 60.		
Kemble													
Con XX	" 26	H. Boswell	"	Oct. 22, 1954	4½	2½	100	15	"	C	Clay loose stone 6; grey limestone 40; blue shale 46; red shale 61.		
Con XX	" 40	A. McPhatter	Wright Bros. R&S	Jun. 25, 1954	4½	2	40	15	"	J	Soil stones 6; limestone 35; red shale 58.		
GR	" 10	J. Edmonston	"	Nov. 20, 1953	6½	1		30	"	D, S	Loam stones 12; limestone 51; red and blue shale 90.		
ORS Con II	" 14	I. Mackinnon	D. Wright & Sons	Jul. 13, 1954	6	5	25	20	"	D, S	Old well 100; hard blue limestone 140.		
ORS Con II	" 19	E. Shipley	Wright Bros. R&S	Aug. 19, 1953	4½	5		30	"	D	Gravel stones 5; limestone 57.		
ORS Con II	" 23	W. E. Radbourne	"	Sep. 18, 1953	4½	2½	75	40	"	D	Previously drilled 80; limestone 97.		
Neustadt													
		W. Weber	P. Boettger	Aug. 20, 1954	4	1			Flows Slightly Sulphur	D	Top soil 1; stony yellow clay 30; brown limestone 45.		
Normanby Twp.													
Con I	lot 18	A. Kirby	Pratt Bros.	Dec. 4, 1954	4	6	45	32	Fresh	D, S	Loose coarse gravel 25; sandy clay 60; blue clay 145; shaly rock 165; hard blue rock 175.		
Con I	" 27	G. Wendon	E. A. Keeso	Jun. 16, 1953	4	13	16	14	Fresh	J	Top soil 7; hardpan boulders 75; shale rock 93; hard blue limestone 105; hard grey limestone 156.		
Con II	" 9	J. Torrie	P. H. McLuhan	May 7, 1954	5	10	25	25	"	D, S	Top soil 2; sand 43; medium gravel 45.		
Con III	" 63	H. Johnston	E. A. Keeso	Dec. 3, 1954	4	9	78	78	"	D, S	Dug well 55; gravel clay 82; shale 122; brown limestone 136.		
Con V	" 1	G. Slickert	E. A. Keeso	Aug. 1954	4½	12	27	25	"	D, S	Dug well 24; shale 32; brown limestone 73; grey limestone 122.		
Con V	" 11	H. Derbecker	P. Boettger	Sep. 22, 1954	4	5	40	35	"	D	Top soil 2; coarse gravel 65; hardpan 70; grey limestone 90.		
Con VI	" 26	R. Carmount	P. H. Luhan	Apr. 21, 1954	4	5	60	34	"	D, S	Top soil 2; sand gravel 70; shale rock 100.		
Con IX	" 20	E. Gerhardt	E. A. Keeso	Aug. 4, 1954	4½	10	22	22	"	D, S	Dug well 32; soft brown rock 49; hard brown rock 71.		
Con X	" 13	W. Weber	"	May 1, 1954	4	10	30	13	"	D, S	Top soil 4; clay 42; quicksand 104; blue clay 117; blue rock 161; black rock 168.		
Con X Ayton	" 16	H. N. Miller	P. Boettger	Aug. 15, 1953	4	3	40	35	"	D	Dug well 20; shale rock 25; limestone 73.		
Con X	" 16	A. Mearns	"	Aug. 22, 1953	4	3	40	35	"	D	Dug well 21; limestone 73.		
Con XII	" 5	St. Pauls Lutheran Church	"	May 30, 1954	4	5	35	25	"	D	Top soil 2; stony hardpan 90; white limestone 110.		
Con XII	" 19	N. Walter	G. L. Davidson	Aug. 7, 1953	4½	10	46	46	"	D, S	Sand gravel stones 32; till 64; blue shale 73; rock 92.		
Con XIII	" 4	O. Bernner	P. Boettger	Jun. 15, 1954	4	2			Flows Slightly Sulphur	P	Top soil 3; yellow clay 90; brown limestone 105.		
Con XVI	" 5	School S. #7	"	Jul. 20, 1953	4	2	10	5	Fresh	P	Sand gravel 90.		
Con XVI	" 8	A. Hafermehl	"	Jul. 15, 1954	4	5	55	50	"	D, S	Gravel stones 60; hardpan 65; grey limestone 85.		
Con XVIII	" 23	W. Carlton	P. L. Davidson	Oct. 21, 1953	4	12	56	36	"	D, S	Sand 190; rock 230.		
Osprey Twp.													
Con A.	lot 10	L. Hamill	C. Bartley	Jul. 26, 1954	4	4	13	13½	Fresh	D	Topsoil 5; rock 64.		
Singhampton.													
Con VI	" 10	J. Brodie	P. H. McLuhan	Oct. 3, 1954	4	10	29	29	"	D	Top soil 2; gravel 23; brown limestone 44; shale 45.		
Con VI	" 11	G. Seely	P. H. McLuhan	Jul. 21, 1954	4	10	41	41	"	D	Top soil 2; sand 32; blue rock 64; shale 65.		
Con VII	" 10	A. McLeod	"	Oct. 1, 1954	4	10	33	33	"	D	Top soil 2; gravel 21; brown rock 44; shale 45.		
Con IX	" 16	G. Sled	"	Aug. 27, 1954	4	10	56	56	"	D	Brown bedrock 69; shale 70.		
Feversham													
Con IX	" 16	C. Crawford	"	Sep. 9, 1954	4	5	55	25	"	D	Top soil 2; gravel 10; brown rock 74; shale 75.		
Feversham													
Con IX	" 17	W. Lawler	"	Jul. 29, 1954	4	10	7	7	"	D	Bedrock 46; shale 47.		
Con IX	" 17	G. Ottowell	"	Aug. 5, 1954	4	10	20	20	"	D	Top soil 2; gravel 15; brown rock 39; shale 40.		
Con IX	" 17	J. Hudson	"	Aug. 12, 1954	4	10	17	17	"	D	Top soil 2; gravel 14; brown rock 40; shale 42.		
DRN Con I	" 9	P. Satchelor	M. S. Bellerby	May 20, 1954	5	5	18	18	"	D, S	Dug well 20; hardpan clay stones 30; white limestone 130.		

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GREY COUNTY-cont.										
Gasperry Twp.-cont.										
DRN Con III lot70	E.Seely	P.H.McLaran	Jul. 9,1954	4	10	12	12	Fresh	D,S	Dug well 21; rock 44; shale 45.
DRS Con III " 20	W.Ackmaster	"	Jun. 9,1954	4	10	15	15	"	D,S	Dug well 45; hardpan 45; coarse gravel 47.
Owen Sound	C.Fritzburger	D.Wright & Sons	Jun. 1,1954	4½	2	15	12	Fresh	D	Yellow clay 13; shale rock 22; blue shale 30; red shale 45.
Owen Sound	S.Arthur	"	Jul.15,1954	4½	1	20	12	"	D	Clay 8; shale rock 18; blue shale rock 22; red shale rock 31.
Proton Twp.										
Con XII lot 2	H.Riddle	Pratt Bros.	Oct.26,1954	4	10	36	35	Fresh	D,S	Top soil 3;blue clay stones 50; blue clay 116;white limestone 130.
St.Vincent Twp.										
Con VIII lot 12	F.Free	W.W.Dinsmore	Oct.24,1953	4	6	75	69	Fresh	D,S	Clay stones 20; gravel 213.
Con VIII " 22	E.Cavers	"	Oct. 1,1953	4	5	44	38	"	D,S	Med clay 35; blue clay 85; sand gravel 108.
Con XII " 18	F.Walters	"	Aug. 1,1953	4	7	20	16	"	D,S	Clay gravel 53; limestone 45.
Sarawak Twp.										
Con I lot 1	M.Cruickshank	D.Wright & Sons	Nov.15,1953	4	5	40	19	Fresh	D	Limestone 35; blue shale 96.
Con I " 3	J.Budge	"	Nov.30,1953	4½	15	20	20	"	D	Clay 2; limestone 90; shale 114.
Con I " 4	R.Barfoot	"	Aug.29,1953	5		40	19	"	D	Clay 4; bedrock 75; blue shale 80; red shale 105.
Con II " 26	J.Grimsolby	"	Oct.27,1954	3½	6	12	8	"	"	Dug well 9; grey limestone 38; red shale 44.
Con II " 28	P.Miesssch	Wright Bros. L&A	Jul. 8,1953	5	12	43	10	"	D,S	Soil 1; limestone 43.
Con II Hogg " 33	School S.#3	"	Jul.29,1953	4½	12	60	22	"	P	Rock 25; blue shale 35; red shale 60.
Con III " 7	J.Monahan	D.Wright & Sons	Jul.16,1954	4	10	18	12	"	D	Clay gravel 15; brown limestone 61.
Con III " 12	R.S.Barfoot	Wright Bros. R&S	Jul. 9,1953	4½				"	"	Loam stones 8;light-blue clay 25;blue shale 40;red shale 80; blue shale 100. Dry hole.
Con III " 12	School	D.Wright & Sons	Nov.16,1954	4½	3	3	3	Fresh	P	Clay 12; limestone 34; blue shale 40; red shale 105.
Con III " 20	P.Paulust	Wright Bros. L&A	Aug.21,1954	4½		44½	16	"	D	Soil 12; limestone 13; shale 44½.
Shallow Lake	J.V.A.Leeder	Wright Bros. R&S	May 21,1953	4	10	16	16	Fresh	D	Loam 5; gravel 10; clay 15; limestone 45.
Shallow Lake	H.Smith	"	May 26,1953	4	10	15	15	"	D	Hardpan 8; clay 12; limestone 38.
Shallow Lake	W.Pruder	D.Wright & Son	Jun.23,1953	4	7	9	9	"	D	Yellow clay boulders 9; limestone 33.
Shallow Lake	B.Noble	"	Oct. 1,1953	4½	5	45	35	"	D	Loose rock 30; brown rock 107.
Shallow Lake	H.Caesmore	Wright Bros. L&A	Oct. 7,1953	4½	12	42	15	"	In	Dug well 15; limestone 42.
Shallow Lake	"	D.Wright & Sons	Oct.15,1953	4½	15	10	10	"	D	Clay boulders 11; rock 35.
Sullivan Twp.										
Con I lot 3	H.Donovan	L.H.Weirmier	Jul.23,1953	4	8	54	54	Fresh	D	Top soil 1;gravel clay 18;hardpan 44; soft rock 51;rock 75½.
Con I " 9	R.Wise	"	Aug. 7,1953	4	2	19	19	"	D	Top soil 2;gravel clay 32;grey and blue rock 76.
Con I " 19	W.Glosser	L.H.Weirmier	Jun.29,1954	4	10	34	34	"	D	Top soil 2; gravel clay 24;gravel 48; rock 62.
Con I " 19	CommunityCentre	"	Jul. 6,1954	4	10	26½	26½	"	P	Top soil 2; gravel clay 30; gravel 42; limestone 56½.
Williamsford.										
Con II " 13	E.Weeden	"	Jul.27,1953	4	8	20	19	"	D,S	Top soil 2; red clay 8; soft rock 20; hard rock 35.
Con III " 14	Blum Bros.	"	Oct. 4,1954	4	4			Flows	D,S	Top soil 2; red clay 35;clay sand 90;soft brown rock 110; hard brown rock 133.
Con IV " 13	School	"	May 13,1954	4	12			Flows	P	Old well 124; grey clay 166; gravel.
Con VII " 12	H.Brigham	E.J.Pratt & Sons	May 15,1953	4	6	30	12	"	D	Old well 34; white limestone 135;brown sandstone 162.
Con VII " 21	W.Albright	L.H.Weirmier	Apr.29,1953	4	4	56	24	"	D,S	Top soil 2; gravel clay 40;clay 60;hardpan 82;grey limest.99.
Con VII " 24	W.Fenton	"	Aug.25,1954	4	15	10	8	"	D,S	Top soil 2;gravel 35; rock 40.
Con IX " 1	CommunityRink	Wright Bros. L&A	Aug.24,1953	4½	12	35	10	"	P	Soil 21; rock 35.
Con X " 20	D.Elder	L.H.Weirmier	May 15,1953	4	5	10	3½	"	D,S	Top soil 2;gravel hardpan stones 43; rock 43½.
Con XI " 11	K.Klages	"	Nov.10,1954	4	6	28	17	"	D,S	Top soil 2;red clay 7;rough grey rock 20;grey limestone 131.
Con XIII " 1	W.G.Hemstock	"	Jun.17,1953	4	5	15	5	"	D,S	Top soil 2;sand 18;sand clay 40;hardpan gravel 48;rock 51.
Con XIII " 2	R.Thomson	"	Jun.29,1953	4	20	4	1	"	D,S	Top soil 2;sand clay 10;grey clay sand 41;hardpan gravel 51; rock 61.
Con XIII " 21	E.Golem	"	Aug.10,1954	4	10	23	20	"	D,S	Top soil 2;gravel 25;red clay 40;grey sand 50;grey clay sand 85;gravel clay 94;rock 96.

GREY COUNTY-cont.

Sydenham Twp.

CRM Con II lot 1	G. Best	W.W. Dinsmore	Aug. 18, 1953	4	4	28	18	Fresh	D,S	Sand gravel small stones 21; limestone 56.
Con III " 24	A. McCutcheon	"	Jul. 21, 1953	4	3	60	50	"	D,S	Red clay layers of flag rock 85.
Con XII " 5	S. Murray	D. Wright & Sons	May 9, 1953	4 1/2		45	30	"	D	Clay 13; brown rock 71.
Con XII " 7	J. Jones	"	May 5, 1953	5	2	23	9	"	D	Clay 1; grey limestone 33.
Con XII " 8	C. Johnston	"	Aug. 8, 1953	5	1	35	10	"	D	Clay 2; bedrock 41.
Con XII " 11	W. Chappel	S & O Wright	Jun. 16, 1954	4	10	30	22	"	D	Earth 4; limestone 90.
Con XII " 14	L. Georges	"	May 10, 1954	4 1/2	10	40	34	"	P	Soil 2; limestone 70; blue shale 75; red shale 120.
R.A. " 4	E. Freestone	"	Oct. 8, 1954	4 1/2	10	115	40	"	D	Top soil 10; limestone 85; blue and red shale 115.
R.V. " 4	E. McDonald	Wright Bros. R&S	Jun. 11, 1953	4 1/2	1 1/2		16	"	D	Clay 2; limestone 35; blue shale 65.
S.P.S. " C	E. Ferguson	D. Wright & Sons	May 5, 1954	4 1/2	10	6	6	"	D	Gravel clay 7; shell rock 18; shale 22.
S.P.S. " C	W. Chapman	"	May 29, 1954	4 1/2	5	32	15	"	D	Yellow clay 10; red and blue shale 20; red shale 32.
S.P.S. " C	J. Joseph	"	Jun. 2, 1954	4 1/2	1	15	14	"	D	Brown clay 8; shale rock 20; blue shale 22; red shale 26.
HALDIMAND COUNTY.										
Caledonia	S. Griffith	R.D. Featherstone	Jan. 14, 1953	5 1/2			30	Mineral		Yellow clay 20; hardpan stones 29; shale gypsum 61. Not used.
Caledonia	Welding Products	"	Sep. 21, 1953	5 1/2						Yellow clay 17; blue clay 37; hardpan 53; broken shale a little gypsum 75; limestone streaked with blue shale 91. Dry hole.
Caledonia	"	"	Sep. 28, 1953	5 1/2	5	60	60	Fresh	C	Yellow clay 17; blue clay 37; hardpan 53; broken shale 70; limestone 79.
Caledonia	R. Bain	"	Nov. 24, 1953	5	10	43	39	"	D	Yellow clay 16; hardpan gravel stones 38; shell rock 45.
Canborough Indian Reserve										
I.R. lot 5	K. Hoto	E.A. Ricker & Son	Dec. 13, 1954	6 1/2	30	12	12	Fresh	D,S	Blue clay 50; yellow clay 75; gravel 83.
Canborough Twp. Con II lot 7	A. Bradford	Caughell Bros.	Oct. 7, 1953	5 1/2	8	135	12	Fresh	S	Clay 70; hardpan 76; limestone 135.
Cayuga	W. Pillsinger	Caughell Bros.	Apr. 25, 1953	5 1/2	25	35	35	Fresh	D	Clay 25; hardpan 45; sand fine gravel 47; shell rock 49.
Cayuga	Village of	R. Swayze	Jul. 27, 1953	8		34	31	"	P	Brown clay 30; limestone 47.
Cayuga	" Cayuga "	G.A. Dennis & Sons	Sep. 25, 1953	9	1 1/2	28	28	"	P	Brown clay 30; shale rock 38; gravel sand 49; shale rock 50; limestone 56.
Cayuga	A.P. Bush	Reicheld & Legere	Jun. 17, 1954	5 1/2	10	15	13	"	D	Yellow clay 3; coarse gravel 15; brown limestone 19.
Dunn Township.										
E.T. lot 1	O.J. Noble	Caughell Bros.	Apr. 14, 1953	5 1/2	33	16	14	Fresh	D,S	Clay 20; hardpan 45; gravel shell rock 55.
E.T. " 1	E. Johnston	"	Nov. 23, 1953	5 1/2	8	12	10	"	C	Clay 42; limestone 46.
H.T. " 29	B. Beteau	"	May 27, 1953	5 1/2	15	12	12	"	D	Clay 60; gravel 62.
H.T. " 29	R. Eddie	"	Aug. 20, 1953	5 1/2	25	16	12	"	D	Clay 56; sand 57; gravel 58.
Hagersville	K. McClay	R. Swayze	Sep. 24, 1953	6 1/2			47	Fresh	D	Clay 2; flint 28; limestone 75.
Hagersville	Village of Hagersville	G.A. Dennis & Sons	Dec. 7, 1953	10	30	120	57	Sulphur		Clay 62; rock 29; green shale 38; brown limestone 97; grey shale 111; shale 120. Insufficient supply.
Jarvis	R. Johnson	R. Hodgson	Oct. 1, 1954	6 1/2	10	35	32	Fresh	D	Clay 16; gravel boulders 20; flint 65.
Moulton Twp. C. Con III lot 5	B. Plauty	Caughell Bros.	May 19, 1953	5 1/2	17	10	8	Fresh	Ir	Sand 10; clay 90; hardpan 124.
GRF R II " 1	W.C. Milmine	E.A. Ricker & Son	Jun. 5, 1954	6 1/2	30	10	8	"	D	Yellow clay 50; red clay 60; fine gravel clay 65; coarse gravel 73.
North Cayuga Twp. TRN Con I lot 47	H. Vanderburgh	Montgomery Bros.	Feb. 9, 1953	6 1/2	7	12	12	Fresh	D,S	Limestone 12; flint 28; brown limestone 35.
TRS Con I " 28	Mehlenbacher	E.A. Richer & Sons	Feb. 24, 1954	6 1/2	3	66	65	"	D,S	Hardpan 25; yellow clay 58; rock 68; brown limestone 83.
TRS Con I " 28	M. Elgersma	Reicheld & Legere	Jun. 15, 1954	5 1/2	12	33 1/2	33 1/2	"	D,S	Yellow clay 30; blue clay 37; coarse gravel 40; brown limestone 44.
Oneida Twp. Con III lot 19	O. Smith	Reicheld & Legere	Jun. 7, 1954	5 1/2	10	18	18	Fresh	D,S	Yellow clay 20; blue clay 27; blue shale 30.
CTR, RW. " 3	R. Nicholas	R.D. Featherstone	Dec. 21, 1954	5 1/2				"		Yellow clay 20; hardpan 35; limestone 58; limestone gypsum 90.
N.B. " A	H. Strettin	"	Aug. 14, 1953	5 1/2	20		40	"	D	Dry hole Yellow clay 18; blue clay 65; tough clay 69; blue shale 71.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HALDIMAND COUNTY-cont.										
Oneida Twp.-cont.										
PR,RW lot 16	C.Yule	R.D.Featherstone	Aug.22,1953	5 3/8	20		49	Fresh	D,S	Yellow clay 6; tough clay stone 59; limestone 65.
R.R. " 43	M.Mago	"	Jul. 7,1953	5 3/8	20	42	41	"	D	Yellow clay 24; blue clay 34; sand gravel 44; hardpan 51; shale 61.
Rainham Twp.										
Con I lot 8	C.Kindy	Montgomery Bros.	Jan.24,1953	6 1/2	5	11	11	Fresh	D	Soil 9; flint 24.
Con I " 8	"	"	Nov.14,1953	6 1/2	1	26	11	Sulphur	D	Soil 8; flint 26.
Con I " 10	S.Yeomans	"	Jul.27,1953	6 1/2	5	9	9	"	D	Soil 16; flint 27.
Con I " 10	S.Hopwood	"	Jul.29,1953	6 1/2	5	9	9	"	D	Soil 15; flint 24.
Con I " 11	J.Lovergrove	H.Stewart	Jun.16,1954	5 3/8	2	20	9	"	D	Yellow clay 12; flint 45.
Con I " 11	C.Turner	"	Jun.18,1954	5 3/8	10	15	10	Fresh	D	Yellow clay 11; flint 21.
Con I " 13	E.B.Elliott	Montgomery Bros.	Aug. 1,1953	6 1/2	5	12	12	Sulphur	D	Soil 9; flint 24.
Con I " 13	W.Lyons	"	Nov.10,1953	6 1/2	5	12	12	"	C	Clay boulders 9; flint 24.
Con I " 19	Church of Christ.	G.A.Dennis & Sons	Jul.25,1953	5 3/8	10	78	25	"	"	Clay 8; hard flint rock 78. Not used.
Con I " 25	C.J.Dynes	Caughell Bros.	Sep.10,1953	5 3/8	17	14	12	"	D	Clay 11; flint 30.
Con I " 25	J.Lawson	"	Sep.20,1953	5 3/8	17	16	14	"	D	Clay 13; flint 33.
Con III " 1	G.Fess	R.Swayze	Dec.30,1953	6 1/2						Clay 10; gravel 13; limestone 100. Dry hole.
Con IV " 16	E.Fulson	Montgomery Bros.	Nov.27,1953	6 1/2	5	12	12	Fresh	D,S	Clay 9; flint 29.
Seneca Twp.										
N.T.	F.Young	F.Spencer	May 15,1953	4 3/8	18	35	35	Sulphur	S	Clay 60; grey shale rock 80.
PRE,WH,RI lot 4	K.McClung	K.McClung	Feb.28,1953	4 3/8						Blue clay 40; blue soft shale 50. Dry.
PRE,WH,RI " 9	Gypsum Lime & Alabastine Co.	R.D.Featherstone	Aug.26,1954	5 3/8	20	36	36	Fresh	P	Yellow clay 15; blue clay 27; hard clay stones 32; gravel shell rock 37; blue shale 42; grey limestone 48; brown shale 50; grey limestone 52.
PRW,EH,RI " 1	R.Miller	A.B.Clark	Aug.19,1954	6 1/2	10	60	53	Sulphur	D	Brown clay 29; blue shale rock 123.
PRW,EH,RI " 11	Gypsum Lime & Alabastine Co.	R.D.Featherstone	Jan.19,1954	5 3/8	20	45	42	Fresh	P	Yellow clay 5; stone tough yellow clay 29; hardpan shale 34; limestone 49; solid limestone gypsum 53; limestone 54; black shale 56.
R.R.York " 18	N.Smith	Reicheld & Legere	May 27,1954	5 3/8	6	40	40	"	D	Yellow clay 29; brown shale 35; brown limestone 47.
R.R. " 18	P.Smith	"	May 31,1954	5 3/8	6	48	48	"	D	Yellow clay 34; brown shale 38; brown limestone 42; blue shale 54.
R.R. " 18	M.Anderson	"	Jun. 3,1954	5 3/8	5	50	48	"	D	Yellow clay 33; brown shale 39; brown limestone 50; blue shale 55.
R.R. " 18	J.Smith	"	Jun. 4,1954	5 3/8	5	30	30	"	D	Yellow clay 18; brown shale 26; brown limestone 32; blue shale 37.
SCR,NW,Con II 18	R.Holt	R.D.Featherstone	Jun.18,1954	4 3/8	20	56	54	"	D,S	Yellow clay 16; blue clay 57; brown limestone 67; reddish shale 69; brown limestone 75; rock 79; grey limestone 81.
SC,RS Con III 13	J.H.Newman	Reicheld & Legere	Jul. 5,1954	5 3/8	20	28	28	"	D	Yellow clay 30; blue clay 45; gravel 51; quicksand 59; blue shale 69.
SC,RS Con V 13	E.Shannon	P.Spencer	Nov. 2,1953	4 3/8	3	16	16	"	D	Till 46; hardpan 50; limestone 54.
V.T.	Grand York 15 Sport Club	Reicheld & Legere	Jun.22,1954	5 3/8	20	10	10	"	D	Yellow clay 10; coarse gravel 14; brown limestone 19.
Sherbrooke Twp.										
Con I lot 18	E.Matthews	G.A.Dennis & Sons	Jul.15,1953	5 3/8	20	50	20	Sulphur	D	Yellow clay 17; rock 57.
Six Nations Indian Reserve										
Con V lot 2	K.Sandy	R.D.Featherstone	Jun. 8,1953	5 3/8	20	33	33	Fresh	D,S	Yellow clay 22; hardpan gravel stones 50; black shale 52; blue shale 54.
South Cayuga Twp.										
Con VII lot 13	P.Edwards	Caughell Bros.	Jul.20,1954	5 3/8	3	38	18	Sulphur	D	Clay 29; flint 38.
TRS Con IV " 15	Caughell Bros.	"	Oct.23,1954	5 3/8	17	30	25	Fresh	S	Clay 95; sand 97; gravel 98.
TRS Con V " 16	"	"	Aug.20,1954	5 3/8	1 1/3	130	10	Sulphur	S	Clay 10; flint 70; brown limestone 110; shale 130.
TRS Con VII " 13	L.J.DeCost	E.A.Ricker & Sons	Jul.10,1954	5 3/8	25	30	26	Fresh	D	Yellow clay 20; hard flint rock 34.

HALDIMAND COUNTY-cont.

Walpole Township:

Con I	lot 15	J.A.Howard	G.A.Dennis & Sons	Sep.18,1954	6½		60	55	Sulphur	J	Solid brown clay 30; flint rock 60.
Con I	" 22	A.Vola	"	Sep.10,1954	6½	2	15	12	Fresh	C	Brown clay 10; hard flint rock 35.
Con I	" 23	M.Polley	"	Aug.20,1954	6½	10	5	3	"	D	Yellow clay 9; sand gravel 11; rock 30.
Con I	" 24	A.Daley	H.Stewart	Jun.24,1954	5½	5	15	7	"	D	Yellow clay 10; flint 25.
Con I	" 24	"	"	Jun.25,1954	5½	4	15	6	"	D	Yellow clay 11; flint 21.
Con VII	" 4	Marshall Dairy	I.Smelser & Sons	Jan. 6,1953	10	67	77	37	Sulphur	In	Subsoil 2; clay 9; rock 97.
Con VIII	" 8	R.Person	R.Swayze	Jun.27,1953	6½	2		26	Fresh	D	Clay 13; flint 57.
Con IX	" 6	A.Meehan	"	Feb. 2,1954	6½	2	19	14	"	S	Clay 45; sand gravel 48; flint 54.
Con IX	" 7	J.Johnson	H.Stewart	Jun.10,1954	6½	6	20	14	Slight Sulphur	D	Brown clay 11; flint 70.
Con IX	" 13	R.Doughty	R.Swayze	Oct. 9,1953	6½	2		24	Fresh	D,S	Clay 15; flint 47.
Con X	" 8	W.Harrop	"	Jun.19,1953	6½			10	"	D	Clay 10; flint 31.
Con X	" 23	T.Strohm	S.W.Merritt	Aug. 7,1954	6½	5	26	10	"	D	Clay 8; shale 10; rock 26.
Con X	" 24	H.Clark	H.Stewart	Jun.21,1954	5½	5	10	3	"	D	Brown clay 8; flint 18.
Con X	" 24	B.McDonald	"	Jun.22,1954	5½	2	12	3	"	D	Brown clay 11; flint 21.
Con XIV	" 9	W.McKeen	R.Swayze	Feb. 6,1954	6½	2		2	"	S	Clay 37; gravel 44; limestone 58.
Con XV	" 4	R.Martin	"	Feb.27,1954	6½	25		17	"	S	Clay 30;boulders 32;gravel sand 51;limestone 54.
Con XV	" 5	J.Elmore	"	Feb.11,1954	6½			30	"	D	Clay 20; gravel 26; limestone 48.
Con XV	" 6	M.Marr	"	Nov.25,1954	6½	5	20	17	"	D	Clay 10; broken limestone 17; solid limestone 35.
Con XVII	" 2	R.Hoskins	"	May 27,1954	6½			10	Sulphur	S	Clay 40; clay gravel 60; gravel 64.
HALIBURTON COUNTY:											
Cardiff Twp.											
Con IX	lot 29	School	L.B.Macdonald	Feb.19,1954	6½	1½	50	16	Fresh	P	Loam 2; granite 50.
Con XX	" 25	I.Bowen	"	Mar.31,1954	6	3	34	28	"	D	Sand 8; hardpan 63; gravel 67.
Dysart Twp.											
Con VI	lot 24	O.Kellett	C.Goodberry	Sep. 3,1953	6½	8	15	10	Fresh	D	Sand 6; grey granite 30.
Con VIII	" 14	High School	"	Aug.22,1953	6	14	50	18	"	P	Clay 18; quicksand 25; granite 108.
Con IX	" 17	M.J.Biagi	"	Aug.29,1953	6	6	40	15	"	D	Sand gravel 14; grey granite 74.
Harcourt Twp.											
Con II Mumford	16	C.Schwandt	L.B.Macdonald	Oct.10,1953	6½	3	186	80	Fresh	D	Sand gravel 31; granite 186.
Con II "	16	E.D.Warren	"	Oct.17,1953	6½	2	76	58	"	D	Sand gravel 36; granite 76.
Lutterworth Twp.											
Con X	lot 4	B.Bowron	G.Hart & Sons	Feb.22,1954	5			9	Fresh	D	Top soil 3; granite 23.
McClintock Twp.											
Con XII	lot 5	A.C.Sloan	P.C.Hammond	Apr.18,1953	5	2½	30	3	Fresh	D	Gravel boulders 4; grey granite 46.
Minden Twp.											
Con A.	lot 1	R.Ward	C.D.Weaver	Feb.25,1953	5	1½	53½	3½	Fresh	D,C	Blue clay 12; soupy clay 61; soupy clay boulders 64; black granite 75; gravel seam.
Con II	" 1	Ont.HydroElec	G.Hart & Sons	Jan.15,1953	6	12	28	19	"	P	Dug hole 10; blue clay gravel 35; white granite 47.
Con II	" 1	Ont.Dep.Land and Forests	"	Feb. 5,1953	6	2	45	23	"	P	Dug well 43; white granite 68.
Con II	" 2	M.Spenckley	"	Sep.22,1954	5	1	59	25	"	D	Dug well 26; green granite 31; white granite 59.
Con VI	" 3	A.Richards	"	May 1,1954	5	1		7	"	D	Clay stone 5; granite 19½.
Con VII	" 15	L.Shuyler	"	Jun.12,1954	8	5	32	5	"	D	Brown top soil mixed with gravel 16; grey and green granite 113.
Con XIII	" 15	J.J.Doran	C.D.Weaver	Jul. 8,1953	5			25	"	"	Brown sand boulders 25; grey quicksand 36; abandoned.
Con XIII	" 15	"	"	Jul.18,1953	5			25	"	"	Brown sand boulders 25; grey quicksand 49. Abandoned.
Monmouth Twp.											
Con II	lot 17	J.Woods	L.B.Macdonald	Nov.12,1953	6½	3½	41½	23	Fresh	D	Sand 22; granite 41½.
Sherborne Twp.											
Con B	lot 13	B.Czuchwichi	P.C.Hammond	May 15,1953	5	1	40	23	Fresh	P	Rocks hardpan 27; grey granite 43½.
Snowdon Twp.											
Con IV	lot 26	S.L.Click	C.D.Weaver	Jul.27,1953	5						Granite 26. Dry hole.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HALTON COUNTY										
Acton	Micro Plastics	J.R.Sprowl	Jun. 19, 1953	5	25	60	8	Fresh	In	Coarse sand 22; quicksand 40; limestone 63; blue shale 116; sandstone and blue shale mixed 116.
Acton	Acton Publ. Utilities Com	J.L.Graham	Oct. 27, 1954	10	50	43	4	"	P	Top soil 2; reddish clay 22; gravel 45; white limestone 5-; blue rock 50; grey rock 55; blue shale.
Esqueusing Twp.										
Con I lot 3	J. Sheppard	E.A. Core	Aug. 23, 1954	6	1	Flows	Flows	Fresh	D	Top soil 3; red clay sand 26; gravel 29.
Con I " 3	A. Krantz	R.P. Core	Dec. 13, 1954	6 1/2	2	0	0	"	D	Blue clay 76; red shale 77.
Con I " 31	C. Taylor	J.R.Sprowl	Feb. 23, 1953	4	9	40	40	"	D	Sand 15; gravel and clay mixed 45; limestone 69.
Con I " 32	R. Douglas	"	Dec. 15, 1954	5	10	20	20	"	D	Surface 2; limestone 41.
Con II " 23	N. Charette	"	Aug. 10, 1953	4	8	25	25	"	C	Gravel stones clay 23; limestone 64.
Con II " 23	A. Lachance	"	May 22, 1954	4 1/2	10	6	4	"	D	Surface earth 3; open limestone 13; white limestone 41.
Con II " 25	P. Slaven	"	May 14, 1954	4 1/2	20	15	15	"	D	Clay and gravel mixed 21; limestone 49.
Con II " 25	K. Newton	"	Aug. 11, 1954	4 1/2	8	20	15	"	D	Surface earth 7; grey limestone 54.
Con II " 27	J.E. McMullen	"	Dec. 24, 1954	4 1/2	20	10	6	"	P	Black loam 2; big stones 10; gravel sand clay 26; limestone 54.
Con II " 31	J.E. Kingsbury	"	Jun. 8, 1953	4	10	65	65	"	D	Clay gravel 40; quicksand 72; limestone 99.
Con II " 31	A. Vine	C. Hill	Mar. 24, 1954	4	10	55	50	"	D	Top soil 2; brown clay pebbles 50; fine sand 58; blue clay 72; hard grey limestone 121.
Con II " 32	R. Butler	J.R.Sprowl	Jul. 7, 1954	4	15	30	25	"	D	Clay and gravel mixed 6; large stone 11; sand and gravel mixed 30; gravel 40; boulders 45; rock 64.
Con III " 11	G. Burnett	E.A. Core	Oct. 26, 1953	6 1/2	2	78	78	"	D	Dug well 20; sand 98.
Con III " 29	W. Gordon	J.R.Sprowl	Nov. 12, 1953	4	15	10	8	"	D	Clay sand 24; limestone 37.
Con III " 29	Acton Publ. Utilities Com	J.L.Graham	Sep. 18, 1954	10	47	28	12	"	P	Red clay 23; gravel 24; white limestone 28; blue rock 44; blue shale.
Con IV " 28	Acton Jersey Dairy	J.R.Sprowl	Feb. 4, 1953	4	10	80	20	"	In	Sand 20; clay gravel 50; sand and clay mixed 70; blueshale 114.
Con IV " 30	Acton Publ. Utilities Com.	J.L.Graham	Oct. 13, 1954	10	33	63	11	"	P	Top soil 1; red clay stones 12; brown clay 22; white limestone 24; brown clay large stones 33; blue rock 65; grey rock 88.
Con V " 8	C. Ricci	R.P. Core	Sep. 3, 1953	6	2	30	30	"	D	Dug well 23; sand 72.
Con V " 30	W.J. McDonald	J.R.Sprowl	Jul. 14, 1954	4	4	25	9	"	D	Dug well 5; grey limestone 50.
Con VI " 22	A. Clarkson	"	Jun. 1, 1954	4 1/2	8	8	8	"	D	Gravel and clay mixed 37.
Con VI " 23	J. Creighton	"	Jun. 30, 1953	5	2	22	10	"	D	Clay stones 23; blue shale 66.
Con VI " 28	O. Moffat	E. McLaughlin	Feb. 12, 1953	6 1/2	25	22	12	"	D,S	Coarse stony gravel 5; red sand 12; loose dirty sand gravel 16; red clay and gravel mixed 28; loose sand gravel 36; red clay and gravel mixed 44; hardpan gravel clay 61; limestone 80.
Con VI " 29	S. Matthews	J.R.Sprowl	Sep. 3, 1954	4	10	20	18	"	D,S	Dug well 12; gravel clay 30; sand 50; limestone 72.
Con VII " 1	Bell Telephone	R.P. Core	Aug. 30, 1954	6 1/2	2	10	10	"	P	Sand 5; blue clay 45; gravel clay 63.
Con VII " 22	Burns Transp.	Brodie & Dennis	Nov. 18, 1954	5 1/2	6	22	6	"	D	Red clay 5; red shale 60.
Con VII " 24	C. Wilson	J.R.Sprowl	Jul. 28, 1954	5	4	40	4	"	D	Clay 4; sandstone 16; red shale 55.
Con VII " 27	K. Hawes	"	May 12, 1954	4	5	25	15	"	D	Rough stones 5; limestone 57.
Con VII " 29	S.G. Bennett	"	Jul. 7, 1953	4	30	40	30	"	D,S	Dug well 26; limestone 142.
Con VIII " 10	R. Harris	"	Feb. 10, 1954	6 1/2	7	30	20	"	D	Loam 1; large boulders 3; clay and gravel mixed 20; red shale 81.
Con VIII " 10	H.M. Barnes	M. Babiuk	Sep. 11, 1954	24	5	5	5	"	D	Brown clay 14; coarse gravel 15; red shale 25.
Con VIII " 23	W. Davidson	J.R.Sprowl	Feb. 26, 1953	5	2	45	5	"	D	Clay 13; sandstone 23; red shale 45.
Con VIII " 23	D. Barclay	"	Jul. 30, 1953	6	2	45	5	"	D	Clay 9; sandstone 20; red shale 45.
Con VIII " 23	O. Whitmer	"	Nov. 27, 1954	5	3	54	0	"	D	Fill 1; heavy gumbo clay 8; white sandstone 16; red shale 54.
Con VIII " 27	B. Miller	"	Sep. 22, 1953	4	1	55	14	"	D	Dug well 14; limestone 55.
Con VIII " 27	J. Kirkpatrick	"	Nov. 5, 1954	4 1/2	5	20	12	"	D	Dug well 16; stone with gravel 22; limestone 55.
Con X " 12	G. Ewin	C. McClure	Sep. 24, 1953	4	4	30	30	"	S	Dug well 25; blue clay 60; gravel 65.
Con X " 14	G. Fraser	"	Dec. 9, 1953	4	4	80	80	"	D	Top soil 5; blue clay 60; fine sand 90; red shale 119.
Con X " 15	G. Shoebridge	J.R.Sprowl	Jul. 15, 1953	4	5	20	7	"	D	Gravel with clay 35; coarse sand 37.
Con X " 15	K. Meers	"	Nov. 3, 1953	4	20	4	4	"	D	Clay 10; gravel clay sand 33; pea gravel 38.
Con X " 21	A. Beaumont	"	Apr. 9, 1953	4	5	15	10	Slight Mineral	D	Sand 10; gravel clay 41; red shale 65.





# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HALTON COUNTY-cont. Nassagaweya Twp. cont.										
Con VII lot 20	J.Morrison	J.R.Sprowl	Oct.24,1953	4	10	42	32	Fresh	D,S	Gravel sand clay 55; limestone 113.
Nelson Twp.										
Con I lot 1	T.Miller	C.Goodberry	May 26,1954	5 1/2	10	15	15	Fresh	D	Grey limestone 28; brown shale 32; dark-grey limestone 43.
Con I " 1	"	"	Sep.23,1954	5 1/2	8	63	63	"	D	Brown clay loam 6; grey limestone 81.
Con I " 6	G.Harris	"	Oct.25,1953	5 1/2	5	31	31	"	D	Clay 28; gravel 35; hardpan 40; shale 49; brown limestone 61.
Con II " 4	J.R.Davey	"	Jan. 3,1954	5 1/2		98	40	"	D	Loam 5; clay 42; quicksand 81; blue shale 83; red shale 98.
Con II " 9	G.Harris	"	Jun.23,1954	5 1/2	5	5	5	"	D	Gravel 7; shale 12; limestone 30.
Con II " 9	G.Parchem	E.Pegg	Aug.22,1954	6 1/2	4	42	30	"	D	Red clay 10; blue clay shale 42.
Con II " 9	R.Sault	W.Packham	Sep.29,1954	6 1/2		14	14	"	D	Clay 10; red shale 15; grey shale 44.
Con III " 1	N.Hunt	J.O'Connor	Jun.23,1954	6 1/2		7	7	"	D	Boulders gravel 5; limestone 25.
Con III " 15	C.Hewer	J.R.Sprowl	Apr.14,1953	4	10	12	9	"	D	Topsoil 1; limestone 43.
Con IV " 1	J.Coulson	C.Goodberry	Jan. 5,1954	6 1/2	8	12	9	"	D	Clay and gravel mixed 6; limestone 33.
Con VI " 1	First Latvian Evangelical Lutheran Congre	T.H.Ruthledge	Jul.10,1953	6			12	"	D	Dug well 5; red shale 46.
Con VI " 6	A.Laing	R.P.Core	Oct.26,1954	6 1/2	30		2	"	D	Clay 8; blue clay 50; sand fine gravel 69.
DSN Con I " 1	R.Stevenson	"	Nov.20,1953	6	3	32	32	"	D	Dug well 27; red shale 73.
DSN Con I " 4	A.Slater	S.W.Merritt	Jul. 8,1954	6 1/2	13	30	12	"	D	Fine sand 16; soft red shale 34; hard red shale 51.
DSN Con I " 17	J.Watson	J.O'Connor	May 20,1954	5 1/2	1	60	27	"	D	Blue clay 35; limestone 90; white gravel 60.
DSN Con I " 21	N.Vivian	C.Goodberry	Oct.10,1953	6	10	20	14	"	D	Clay 6; limestone 46.
DSN Con I " 22	L.Holton	S.R.Gill	Apr.13,1954	6 1/2	5	40	25	"	D	Brown clay 42; limestone 90.
DSN Con II " 5	R.Simpson	R.P.Core	Aug.10,1954	6 1/2	1/5		55	"	D	Clay 5; blue clay 45; stones clay 51; red shale 77.
DSN Con II " 6	G.Grahane	E.A.Core	Nov. 5,1954	6 1/2			57	"	D	Clay 18; red clay 95.
DSN Con II " 16	B.Ruttan	C.Goodberry	Oct.14,1953	6	10	18	11	"	D	Clay 8; limestone 51.
DSN Con II " 16	F.Miller	J.O'Connor	Jun.21,1954	5 1/2	1 1/2	40	27	"	D	Boulders 3; limestone 40; white sand 42.
DSN Con II " 16	"	"	Jun.21,1954	5 1/2	2 1/2	42	14	"	D	Boulders gravel 3; limestone 40; white coarse sand 42.
DSN Con II " 17	G.L.Sheppard	C.Goodberry	Dec.17,1954	5 1/2	12	20	16	"	D	Sandy loam 16; soft grey limestone 24; hard grey limestone 85; green shale 85 1/2.
DSN Con II " 20	H.McCay	"	Nov. 5,1954	5 1/2	10	17	10	"	D	Clay coarse gravel 11; grey limestone 31.
DSN Con I " 4	H.Ashley	S.W.Merritt	Jul.10,1954	6	5	46	9	Sl.Salt	D	Sand 14; red shale 46.
DSN Con I " 4	W.Krouchuk	"	Jul.28,1954	5 1/2	3 1/2	40	12	Fresh	D	Boulders clay 8; red shale 50.
DSN Con I " 4	W.Blanchette	R.P.Core	Oct. 1,1954	6	1 1/2		14	"	D	Clay 17; red shale 44.
DSN Con I " 4	W.Wiersma	"	Oct. 6,1954	6 1/2	1 1/2	20	16	"	D	Clay 3; sand 25; red shale 51.
DSN Con III " 11	P.Kazimer	S.R.Gill	Sep. 4,1954	6 1/2	7	10	8	"	D	Brown clay 7; red shale 33.
Trafalgar Twp.										
Con I lot 15	J.W.Campbell	E.A.Core	Jul.10,1953	6	5	10	Flows	Fresh	D	Cellar 6; clay sand 26; red rock 43.
Con II " 10	E.Stover	"	Feb. 9,1954	6	4	35	33	"	D	Clay gravel 51; red rock 67.
Con II " 10	W.Dales	"	Mar.11,1954	6	4	32	30	"	C	Clay gravel 49; red rock 70.
Con III " 1	W.Lawrence	R.P.Core	May 12,1954	6 1/2	2	10	10	"	D	Clay 47; red shale 59.
Con III " 4	Polish Village Farm.	E.A.Core	Apr.12,1953	6	5	20	20	"	D,S	Clay sand 50; red rock 73.
Con III " 4	J.Sherin	R.P.Core	Jun.17,1954	6	10		10	"	D	Clay 55; red shale 61.
Con III " 6	School	"	Jan. 7,1954	6 1/2	3		24	"	P	Clay 60.
Con III " 10	W.J.Guild	J.R.Sprowl	Oct.16,1953	6 1/2	1	66	20	"	C	Gravel clay 45; red shale 66.
Con III " 12	C.Wickens	E.A.Core	Nov.24,1953	6 1/2	4	10	10	"	D	Clay 36; red rock 60.
Con III " 13	Can.Pigm.Chem.	R.P.Core	Feb. 4,1954	6 1/2	12		11	"	In	Clay 26; red shale 66.
Con IV " 1	Rotary Club	"	Jul. 9,1954	6	1 1/2		30	"	P	Dug well 18; red shale 73.
Con IV " 5	R.P.Ford	"	Sep.20,1954	6 1/2	1 1/2		10	"	D	Clay 25; sand 45; gravel 48; red shale 63.
Con IV " 6	W.Featherstone	"	Feb.18,1953	6	1 1/2		12	"	D	Clay 48; red shale 59.
Con IV " 10	P.Patterson	"	Jun. 4,1954	6	2		4	"	D	Clay 30; red shale 41.

HALTOM COUNTY-cont.  
Trafalgar Twp.-cont.

Con VI	lot 1	N.Seidl	E.A.Core	Oct. 8, 1953	6			20	Fresh	D	Clay gravel sand 47; red rock 66.
Con VI	" 9	A.Trischler	"	Aug. 21, 1953	6	2	18	18	Salt	D	Dug well 21; clay 50; red rock 75.
Con VI	" 10	H.Price	R.P.Core	Jun. 8, 1953	6	1		18	Fresh	D	Clay sand 48.
Con IX	" 1	J.L.Treloar	E.A.Core	Sep. 9, 1954	6	3	50	32	"	D	Top soil 2; grey clay 25; sand clay 75; fine gravel 79.
Con X	" 12	L.Horvath	R.P.Core	Jul. 10, 1953	6	15		15	"	D,S	Clay 44.
Con XI	" 15	D.McCallum	Brodie/Dennis	Dec. 27, 1954	6	10	55	13 1/2	"	D	Clay loam 1; clay 45; very fine sand 60; coarse gravel 67.
DSN Con I	" 13	Can. Dep. Transp	T.H.Ruthledge	Oct. 12, 1953	5	3 1/2		8	"	D	Top soil 2; clay boulders 8; red shale 50.
DSN Con I	" 15	P.Postma	E.A.Core	Aug. 19, 1954	6	3	16	16	"	D	Dug well 20; red shale 40.
DSN Con I	" 19	D.Monice	R.P.Core	Oct. 29, 1953	6	3	9	9	"	P	Till 8; red shale 45.
DSN Con I	" 19	R.Monice	"	Nov. 3, 1953	6	8		12	"	D	Till 9; red shale 36.
DSN Con I	" 23	Ukrainian Camp	E.A.Core	Mar. 14, 1953	6	2	75	18	"	C	Dug well 20; red rock 75.
DSN Con I	" 30	D.Urtch	Brodie/Dennis	Oct. 16, 1953	6 1/2	1	80	8	"	D	Clay 5; soft shale 8; hard shale 81.
DSN Con I	" 30	W.Sharpe	"	Oct. 20, 1953	6 1/2	2	40	4	"	D	Clay 5; soft shale 7; hard shale 40.
DSN Con I	" 30	H.Cossit	E.A.Core	Oct. 8, 1954	6 1/2	3		20	"	D	Clay 19; red rock 50.
DSN Con I	" 31	Can. Oil Co. Ltd	Brodie/Dennis	Oct. 6, 1953	6 1/2	6	16	11	"	C	Clay 9; soft shale 14 1/2; hard shale 51.
DSN Con II	" 6	C.Burr	"	Jul. 30, 1953	6 1/2	3 1/2	40	6	"	D	Clay 12; quicksand 34; gravel 40.
DSN Con II	" 7	W.M.Denance	E.A.Core	Sep. 19, 1953	6	10		31	"	D	Dug well 40; clay sand gravel 60.
DSN Con II	" 13	Dr. Hurley	"	Jul. 24, 1953	6	2	61	20	"	D	Blue clay 60; gravel 61.
DSN Con II	" 30	E.S.Jones	"	Jul. 23, 1954	6 1/2	3	10	7	"	D	Clay 14; red shale 35.
DSN Con II	" 31	R.P.Core	R.P.Core	Jul. 18, 1954	6 1/2	1		20	"	D	Dug well 22; clay 33; red shale 53.
DSS Con I	" 31	Constellation Theaters	Brodie/Dennis	Jun. 1, 1953	6 1/2	30	30	5 1/2	"	P	Red clay 4; soft shale 11; hard shale 40.
DSS Con I	" 5	P.White	C.Goodberry	Jun. 28, 1953	6 1/2	3	224	50	"	P	Clay 8; limestone 224.
DSS Con I	" 12	G.Blair	E.A.Core	Oct. 23, 1954	6		44	44	"	D	Dug well 32; red rock 114.
DSS Con I	" 26	C.Ells	R.P.Core	Jun. 30, 1953	6 1/2	1		9	"	D	Clay 10; red shale 39.
DSS Con I	" 30	School	"	Feb. 12, 1954	6				"	D	Clay 17; red shale 65. Dry hole.
DSS Con I	" 30	"	"	Feb. 24, 1954	6	1		12	Salt	"	Clay 16; red shale 65. Abandoned.
DSS Con I	" 30	"	"	Mar. 12, 1954	6	1		10	"	"	Clay 15; red shale 60. Abandoned.
DSS Con I	" 30	"	"	Mar. 24, 1954	6	1		15	"	"	Clay 15; red shale 65. Abandoned.
DSS Con I	" 30	"	"	Apr. 8, 1954	6	1		7	Fresh	P	Clay 17; red shale 48.
DSS Con I	" 30	R.Engelhart	"	Sep. 3, 1954	6	4		22	"	D	Clay 12; red shale 38.
DSS Con I	" 30	E. "	"	Sep. 8, 1954	6			20	"	"	Clay 15; shale 28. Abandoned.
DSS Con I	" 30	W.Aikens	"	Sep. 28, 1954	6	10		37	"	D	Clay 15; sand fine stone. 48; gravel 51.
DSS Con I	" 31	Church of England Parson	"	Oct. 30, 1953	6	10		98	"	D	Till 111.
DSS Con I	" 31	R.Laing	Brodie/Dennis	Nov. 1, 1953	6 1/2	1 1/2	40	4	Slight Sulphur	D	Clay 6; soft shale 8; hard shale 40.
DSS Con II	" 12	R.M.Proudfoot	E.A.Core	Mar. 6, 1953	6	2	20	18	Fresh	D	Clay gravel 44; red rock 64.
DSS Con II	" 16	A.Plummer	"	May 27, 1954	6 1/2	5	6	6	"	D	Red clay 6; red shale 39.
DSS Con II	" 17	E.Lafleur	"	Oct. 30, 1953	6 1/2			15	"	D	Red clay 7; red rock 39.
DSS Con II	" 17	R.Plummer	"	Nov. 5, 1953	6 1/2			18	"	D	Red clay 7; red rock 43.
DSS Con II	" 17	H.Taylor	"	Nov. 17, 1953	6 1/2			28	"	D	Red clay 7; red rock 65.
DSS Con II	" 18	L.Webber	"	Jul. 31, 1953	6	4	8	8	"	D	Clay 16; red shale 43.
DSS Con II	" 24	Cities Service Oil Co. Ltd.	C.H.Ruthledge	Sep. 16, 1954	8	8	75	11	"	C	Red shale 78.
DSS Con III	" 1	S.Quindeck	Brodie/Dennis	Jun. 11, 1953	6 1/2	5	18	6	"	D	Yellow clay 6 1/2; hard shale 20.
DSS Con III	" 11	Ace Lumber	S.W.Merritt	Jul. 16, 1954	6	6	25	8	"	D,C	Clay 2; grey shale 25.
DSS Con III	" 24	McColl Frontenac Oil Co.	C.H.Ruthledge	Jun. 21, 1954	8	3	67	9	"	C	Red shale 67.
DSS Con III	" 30	E.Joyce	R.P.Core	Jun. 22, 1953	6	1		50	"	D	Clay gravel 53; grey shale 69.
DSS Con III	" 30	Refractories Eng. & Suppl.	S.R.Gill	Aug. 12, 1953	6 1/2	5	30	5	"	P	Red clay 8; red shale 30.
DSS Con III	" 31	C.Lax	Brodie/Dennis	Oct. 10, 1953	6 1/2	3	80	6	Slight Sulphur	D	Clay 8; soft shale 15; hard shale 106.
DSS Con III	" 32	C.Wayman	E.A.Core	May 20, 1954	6 1/2	1	80	80	Fresh	D	Stony yellow clay 10; blue clay 60; red shale 110.
DSS Con IV	" 23	A.Secluna	Brodie/Dennis	Jun. 5, 1953	6 1/2	10	13	8	"	D	Sand 2; gravel 3; soft shale 6; hard shale 40.
DSS Con IV	" 25	"	"	Apr. 24, 1953	6 1/2	1 1/2	40	8	"	D	Red clay 5; red shale 40.
DSS Con IV	" 25	"	"	May 4, 1953	6 1/2	1 1/2	40	8	"	D	Red clay 8; red shale 40.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BALTON COUNTY-cont. Trafalgar Twp.cont. DSS Con IV lot 25 DSS Con IV " 33	M.Brown S.Mackuch	Brodie & Dennis "	Jun.22,1953 Jul. 6,1953	6 1/2 6 1/2	1 1/2 10	35 19	6 3	Sulphur Fresh	D D	Clay 4; hard shale 35. Sand 9; hard shale 25.
HASTINGS COUNTY Bancroft Bancroft Bancroft	G.J.Clarke W.Thomson C.McAlpine	V.H.Marquardt " "	Oct.25,1954 Nov.23,1954 Dec.30,1954	4 4 4	1 8 4	90 75 60	18 40 30	Fresh " "	D C D	Brown soil 20; red and grey granite 106 1/2. Fine sand 30; limestone 130. Brown soil 4; dark-grey rock 336.
Bangor Twp. Con VII lot 21	School S.#5	V.H.Marquardt	Aug. 5,1953	4	5	12	3	Fresh	P	Brown soil 3; light-grey granite 53; red granite 55; dark-grey granite 62.
Belleville	Glen Roy Creameries	W.H.Davy & Son	Feb.22,1954	3	33	7	4	Salt	In	Fill clay 10; layers of hard and soft blue limestone 88; hard grey limestone 230; shaly limestone 237.
Belleville	H.Murray	McMillan/Gartley	May 21,1954	6	2	32	4	Mineral	In	Clay shale 5; limestone 37.
Belleville	W.R.McCreary	C.J.Fraser	Sep.24,1954	8	20	125	Flows	Salt	In	Clay small stones 2; shale 4; limestone 232; red shale 232; red granite 260; grey granite 265; dark-green rock 292; red granite 318. Grey limestone 25.
Belleville	E.Wood	G.H.Chalk Jr.	Sep.27,1954	6	1		6	Fresh	D	
Cashel Twp. Con II lot 27 Con II " 28 Con III " 27 Con IV " 25 Con IV " 25 Con IV " 26	B.Dafoe C.Trumble H.Hamm L.A.Hawkins R.Gray R.Mitas	C.J.Fraser " " " " "	May 6,1953 Jun.30,1953 Jun. 3,1953 Jun.10,1953 Jul.15,1954 Jul. 9,1953	6 6 6 6 6 6	12 40 20 10 20 3	10 35 25 35 10 50	10 14 10 11 10 15	Fresh " " " " "	D D D D D D	Till 5; dolomite 40. Sand 2; dolomite 35. Sand 2; dolomite 25. Sand 2; dolomite 35. Sandy clay 13; hard blue volcanic rock 35. Dolomite 45; grey granite 50.
Deloro Elzevir Twp. Con I lot 14 Con II " 3 Con III " 2 Con III " 14 Con III " 14 Con IV " 1 Con VI " 3 Con VIII " 1 Con IX " 15	School School S.#3 R.Cadwell H.Lashway School S.#4 H.Tokley School S.#1 J.P.Parks C.J.Watts School S.#7	C.J.Fraser L.B.Macdonald E.Taylor " L.B.Macdonald " " C.J.Fraser L.B.Macdonald "	Oct.17,1953 May 4,1953 Apr.21,1954 Mar 10,1953 Apr. 3,1953 Nov.26,1953 Mar.16,1953 Jun.11,1954 Aug.17,1953 Apr. 1,1953	9 6 1/2 5 5 6 1/2 6 1/2 6 1/2 6 1/2 6 1/2 5 1/2	30 120 4 1 8 1 2 2 3 3	21 53 9 22 7 36 55 8 10 5	Fresh " " " " " " " " "	P P P P P P P P P P	Till 9; dolomite 41; black trap 55; dolomite 65; grey granite 190; red granite 192. Sandy loam 7 1/2; granite 120. Brown sandy loam 3; black diorite 25. Soil 4; black and green diorite 47. Sand 6; clay hardpan 40. Sand 8; limestone 66. Granite 90. Clay 6; volcanic rock 39. Clay 6; white limestone 53. Granite 50.	
Paraday Twp. Con A lot 2	A.Wasclou	V.H.Marquardt Son	Jul.23,1953	4	5	45	40	Fresh	D	Hardpan 8; dark rock 105.
Frankford Frankford Frankford Frankford Frankford Frankford Frankford	L.H.Rowe Bata Shoe Co. J.Conlon W.Chard R.Morne R.McMullen K.M.King	J.W.Summers C.J.Fraser " " " " McMillan/Gartley	Feb. 5,1953 Feb.16,1953 Sep. 2,1953 Sep. 3,1953 Jul. 4,1954 Aug. 9,1954 Nov.17,1954	5 1/2 6 6 6 12 6 5	8 3 20 5 15 2 2	9 42 12 5 5 18 5	9 10 12 5 5 5 5	Fresh Sulphur Fresh Fresh Fresh Fresh "	D D D D In D D	Old well 20; reddish-brown sand 30; gravel 39. Gravel boulders 5; clay 12; sand 14; limestone 42. Dug well 12; limestone 38. Clay 9; limestone 40. Dry hole. Till 5; limestone 33. Clay 10; limestone 75. Dry hole. Dark sandy soil 25.
Hungersford Twp. Con II lot 15 Con II " 35 Con IV " 1	J.Alexander School S.#18 C.Carter	McMillan/Gartley T.E.Richmond L.B.Macdonald	May 24,1953 Nov. 1,1954 Sep.30,1954	5 6 1/2 6	1 1/2 5 3	27 30 42	9 36 42	Fresh " "	D P D	Clay stone 9; limestone 32. Clay loam 4; hardpan 43; fine sand 45; grey limestone 57; blue limestone 61. Sand gravel 72.

## HASTINGS COUNTY-cont.

## Hungerford Twp.cont.

Con IV	lot 1	R.Robinson	L.B.Macdonald	Oct. 7, 1954	6		77	47	Fresh	D	Soil 4; limestone 77.
Con IV	" 2	T.White	V.N.Miller	Jun. 26, 1953	6			20	"	D	Light sand 60; coarse heavy gravel 80.
Con IV	" 20	W.Irvine	E.Taylor	Sep. 23, 1954	6	1 1/2	61	10	"	D	Clay boulders 9; limestone 61.
Con IV	" 25	School S #9	"	Sep. 21, 1954	6	1	55	30	"	D	Clay boulders 21; limestone 55.
Con VIII	" 5	T.Legrue	"	Oct. 22, 1954	6	50	24	24	"	D	Sand clay loam 24; red limestone 40.
Con VIII	" 3	B.M.Countryman	L.B.Macdonald	Jul. 22, 1953	6 1/2	1/2	53	12 1/2	"	D	Clay boulders 15; granite 53.
Con VIII	" 15	P.J.Whalen	"	Sep. 22, 1954	6 1/2	10	29	10	"	D	Clay hardpan 35; sandstone granite 60.
Con VIII	" 17	A.Alphen	"	Aug. 24, 1954	6	5	10	10	"	D	Clay hardpan 18; granite 29.
Con X	" 6	G.Mouck	"	Feb. 4, 1953	6 1/2	5	14	14	"	D	Sand 15; clay hardpan 44 1/2.
Con X	" 10	T.Wheeler	E.Taylor	Oct. 27, 1954	6	1 1/2	10	10	"	D	Loam 4; hard rock 30.
Con XI	" 22	School S.#17	L.B.Macdonald	Jan. 6, 1953	6 1/2		100 1/2	13 1/2	"	D	Clay 8 1/2; granite 100 1/2.
Con XI	" 23	Nicols Chemig	C.J.Fraser	Feb. 11, 1953	8	40	10	2	"	In	Sandy clay 2; blue clay 38; gravel 40.
Con XIII	" 11	C.Wright	L.B.Macdonald	Jan. 15, 1954	6 1/2	5	34	28	"	D	Soil 12; limestone 21; sandstone 57; granite 60.
Con XIII	" 12	J.E.Hailstone	C.J.Fraser	Sep. 2, 1954	6	25	50	50	"	D	Sand 2; hard blue volcanic rock 96.
Con XIV	" 11	D.Stephenson	L.B.Macdonald	Jan. 29, 1954	6 1/2	1/2	67 1/2	12	"	D	Loam 3 1/2; granite 67 1/2.
Huntington Twp.											
Con II	lot 14	R.W.Kirby	L.B.Macdonald	Jul. 9, 1953	6 1/2	7	62	47	Fresh	D	Clay hardpan 54; limestone 82.
Con II	" 14	School	G.H.Chalk Jr.	Nov. 6, 1954	6	10	55	6	"	F	Clay boulders 8; grey limestone 55.
Con II	" 20	K.Scharum	C.J.Fraser	Jul. 26, 1953	6				"	D	Till 4; limestone 130; granite 132. Dry.
Con III	" 16	G.Post	G.H.Chalk Jr.	Nov. 1, 1954	6	1	62	20	Fresh	D	Hardpan 43; grey limestone 62.
Con IV	" 3	School S.#103	C.J.Fraser	Aug. 22, 1953	6			17	"	F	Clay 3; gravel 15; sand 19; limestone 46.
Con VI	" 6	United Church	E.Taylor	Jun. 29, 1953	5				"	D	Previously drilled 80; grey limestone 125. Dry hole.
Con XI	" 15	F.Tyndall	B.Smiley	Oct. 19, 1953	6	3	38	16	"	D	Till 19; limestone 40.
Con XII	" 13	D.Hawley	"	Jun. 2, 1953	6	40	34	12	"	D	Till 14; dolomite 38.
Con XIII	" 15	L.Nurdock	"	Oct. 15, 1953	6	6	25	8	"	D	Till 8; limestone 25.
Con XIII	" 11	T.Swift	E.Taylor	Oct. 16, 1954	6	100	12	12	"	D	Clay 9; hard rock 35.
Limerick Twp.											
HRE	lot 38	O.Furry	B.Smiley	Jun. 7, 1953	6	1	30	12	Fresh	D	Till 4; crystalline limestone 30.
HRE	" 39	M.Martin	"	Jun. 10, 1953	5	3 1/2		20	"	D	Previously drilled 31; crystalline limestone 41.
HRE	" 40	School S.#3	C.J.Fraser	Oct. 22, 1953	6	30	20	14	"	P	Till 2; hard rock 55.
Madoc		G.Lessard	E.Taylor	Jan. 20, 1953	5	15	15	15	Fresh	D	Previously drilled 20; blue rock 41.
Madoc		G.Gillespie	B.Smiley	Mar. 17, 1953	6	65	45	17	"	D	Till 5; crystalline limestone 45; crystalline limestone calcite stringer 90; limestone 104.
Madoc		T.Caverly	E.Taylor	Apr. 1, 1953	5	15	16	16	"	D	Old dug well 18; blue rock 30.
Madoc		G.Woodcox	C.J.Fraser	Jul. 10, 1953	6	20		10	"	D	Clay 5; hardpan 17; red conglomerate 45.
Madoc		A.Cochrane	E.Taylor	Nov. 25, 1953	5	8	20	20	"	D	Old well 20; brown rock 28; blue rock 45.
Madoc		C.Derry	"	Dec. 3, 1953	5	1 1/2	25	23	"	D	Large boulders clay 18; red limestone 45.
Madoc		G.Devolin	"	Dec. 3, 1953	5	15	19	19	"	D	Brown clay 4; blue rock 44; brown rock 47.
Madoc		C.Pigden	C.J.Fraser	Oct. 26, 1954	6	20	10	10	"	D	Sand 2; clay 14; black trap rock 90.
Madoc Twp.											
Con V	lot 3	A.Gordon	E.Taylor	Aug. 7, 1954	6	1/2		10	Fresh	D	Clay 14; diorite 25.
Con V	" 27	J.Donly	C.J.Fraser	Feb. 7, 1953	6	60	50	16	"	D	Sand small stones 5; dolomite 50.
Con VI	" 1	C.Keene	E.Taylor	Aug. 28, 1954	6	100	18	18	"	D	Clay loam 18; red limestone 32.
Con VI	" 2	K.Burris	"	Oct. 14, 1953	5	5	20	20	"	S	Soil clay hardpan 11; calcite 55.
Con VI	" 2	K.Rankin	"	Oct. 9, 1954	6	1/2	35	17	"	D	Red soil 20; soft red mud 35.
Con VI	" 3	W.Poole	"	Sep. 15, 1953	5	1 1/2	8	8	"	D	Clay till 20; limestone 25.
Con VII	" 2	T.Moore	"	Oct. 1, 1954	6	10	15	15	"	D	Clay boulders 20; red limestone 55.
Con IX	" 9	P.Palmer	C.J.Fraser	Dec. 21, 1954	6	10	20	20	"	D,S	Previously dug 22; hard grey volcanic rock 52.
Marmora											
		Bethlehem Mines	C.J.Fraser	Jan. 16, 1953	6	3		35	Fresh	D	Clay boulders 5; sandy clay 12; sand 15; hardpan 32; limestone 52; trap rock 64.
Marmora		B.Smith	"	Jan. 27, 1953	8	60	2	2	"	In	Till boulders 19; limestone 50.
Marmora		Wess Sweet Co.	"	Mar. 9, 1953	6	40	152	90	"	C	Till 3; limestone 110; red shale 152.
Marmora		Wells Bros.	"	Mar. 24, 1953	8	40	25	16	"	D	Clay 4; till 9; hardpan 16; sand 22; sandy clay 39; limestone 43.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HASTINGS COUNTY-cont										
Marmora	N.H.Jackson	E.Taylor	Apr.18,1953	5	15	4	4	Fresh	C	Blue clay boulders 10; grey and blue limestone 30.
Marmora	P.Hannah	C.J.Fraser	Apr.20,1953	3	40	20	19	"	In	Clay 10; sandy clay 45; limestone 60.
Marmora	Wells Bros.	"	Apr.23,1953	6	24	60	18	"	D	Clay 5; clay stones 9; sand 11; clay 37; gravel 49;limest.60.
Marmora	G.Kerr	"	Apr.28,1953	6	30	70	Flows	Sulphur	D	Clay 5;sand 10;gravel 12;hardpan 45;sand 28;limestone 40; red shale 70.
Marmora	W.B.Wilde	C.J.Fraser	May 6,1953	6	3		10	Fresh	D	Earth sod 2;sand 12;clay boulders 14;limestone 30; red shale 45; black trap rock 40.
Marmora	T.A.Wilson	"	May 8,1953	6	20	21	11	"	D	Till 3; limestone 45.
Marmora	M.Penton	"	May 25,1953	6	14		21	"	D	Clay 5;hardpan 20;sand 27;clay 42;gravel 50;limestone 67; red shale 75.
Marmora	W.Sullivan	E.Taylor	Aug.27,1953	5	1 1/2	30	6	"	D	Sand clay 21; limestone 42.
Marmora	A.Fraser	C.J.Fraser	Aug.30,1953	6	20	60	20	"	D	Black clay 2;sandy clay 11;hardpan 29;limestone 60.
Marmora	M.Campbell	"	Oct.10,1953	8	20	40	25	"	D	Dug well 25;limestone 55.
Marmora	Wells Bros.	E.Taylor	Dec.12,1953	5	1	40	2	"	D	Grey clay 10; hard and soft grey shale 35;grey limestone 40.
Marmora	R.Wells	"	May 20,1954	6	1 1/2	12	12	"	D	Soil clay 8; limestone 53.
Marmora	J.Dunlay	"	May 31,1954	5	1 1/2	29	27	"	D	Soil clay 20; limestone 57.
Marmora	J.Murray	"	May 31,1954	6	16	43	24	"	D	Brown clay stones 20; grey limestone 57.
Marmora	D.Smith	C.J.Fraser	Jun.20,1954	6	15	20	20	"	D	Clay 2;till 5; hardpan clay 18; limestone 30.
Marmora	W.Deline	"	Jun.25,1954	6	15	38	38	"	D	Till 6; limestone 62.
Marmora	C.Nickle	"	Jul. 9,1954	6	40	30	30	"	C	Previously dug 16; limestone 52; red limestone shale 62.
Marmora	School	"	Jul.12,1954	8	45	70	30	"	F	Sandy clay 15;clay 22;limestone 45;red shale 50; limestone 62; red shale 75.
Marmora	G & H Christie	"	Jul.26,1954	6	20	40	40	"	D	Clay boulders 9;limestone shale 20;hard white limestone 102; red shale 105; limestone 108; red shale 125.
Marmora	R.Wells	"	Oct.19,1954	6	30	24	14	"	D	Clay 10;sand 17;clay boulders 50; limestone 68.
Marmora	C.Conkright	"	Oct.29,1954	6	5	55	5	"	D	Clay small boulders 14; limestone 58.
Marmora Twp.										
Con I	lot 19	C.Chard	Nov.14,1953	6	20	30	19	Fresh	D	Till 2; grey granite 43.
Con I	" 29	D.Ellis	Jun. 2,1953	5 1/2	1	24	20	"	D	Earth 24; grey granite 42.
Con II	" 6	R.Pitman	Aug.24,1954	6	20	156	60	"	D	Clay 2; limestone 132; red shale 156.
Con III	" 6	R.Young	Apr. 1,1953	8	25	116	36	"	D	Till 2; limestone 95;red shale 150;trap rock 160.
Con III	" 10	D.Ross	Jul. 3,1953	5	1 1/2	8	8	"	D	Loam clay 8; limestone 29.
Con V	" 5	Bethlehem Mines	Jan.23,1953	6			11	"	D	Clay 7; limestone 40.
Con V	" 6	"	Jan.21,1953	6	4		15	"	D	Clay stones 9; limestone 85;red shaly limest.115;precambrian 116.
Con V	" 7	W.Wilson	Apr.30,1954	5	20	8	8	"	D	Brown clay boulders 3; limestone 50.
Con V	" 7	J.Rombough	May 6,1954	5	3	12	8 1/2	"	D	Sand gravel 30;grey limestone 48;red limestone 50.
Con V	" 7	M.McCoy	Nov. 5,1954	6	20	20	10	"	D	Clay stones 34; limestone 71.
Con VI	" 6	W.Lavender	Aug.13,1953	5	1 1/2	12	12	"	C	Soil clay boulders 11; limestone 45.
Con VI	" 25	P.D.Crowder	May 19,1953	6				"		Till 2; dolomite 145. Dry hole.
Con VII	" 6	R.J.Heggadorn	Dec.10,1953	6	30	10	10	"	D	Till 5; limestone 32.
Con VII	" 6	G.Robson	Dec.18,1953	6	2	35	10	"	D	Till 4; dolomite 35.
Con VII	" 6	"	Jul.21,1954	6	15	77	10	"	D	Sandy clay 3; hard grey rock 100.
Con VIII	" 8	P.Napidik	Oct.18,1954	6	20	20	20	"	D	Clay small stones 17; limestone 58.
Con VIII	" 8	P.Dikon	Oct.23,1954	6	20	45	7	"	C	Sand 3; hard blue limestone 45.
Con VIII	" 9	W.Cross	Dec. 8,1953	5	10	10	10	"	D	Red clay 10; red limestone 32.
Con X	" 19	P.Chambers	Oct.26,1953	6	30	14	14	"	D	Sand 2; dolomite 35.
Con XIV	" 14	H.Shortts	Jun.25,1954	6	1	48	30	"	D	Clay boulders 9; limestone 48.
Rawdon Twp.										
Con I	lot 10	J.C.Gay	Sep.15,1953	8	5	37	18	Fresh	DS	Sand 3; till 19; gravel 30; clay 37.
Con II	" 21	M.Spencer	Jul. 6,1954	6	15	12	12	"	DS	Dug well 20;clay stones 35; limestone 60.
Con III	" 3	P.Wilson	Aug.31,1953	8		65	25	"	DS	Dug well 22; limestone 65.

Rawdon Twp.-cont.

Rawdon Twp.-cont.

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1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HASTINGS COUNTY-cont										
Sidney Twp.-cont.										
Con VIII lot 9	H.Sayers	G.J.Fraser	Dec. 3, 1953	6						Till 1; limestone 90. Dry hole.
Con IX " 7	C.Hubble	Bailey & Lloyd	Jul. 22, 1953	5	1	20	5	Fresh	D	Previously drilled 13; grey limestone 26.
Con IX " 8	School S #22	"	Jul. 20, 1953	4	1	32	19	"	D	Dark-grey clay 32.
Tearlow Twp.										
BP Con I lot 13	A.Rushlow	B.Smiley	Jul. 17, 1953	8						Till 1; limestone 60. Dry hole.
BP Con I " 13	"	"	Jul. 27, 1953	6						Till 10; limestone 53. Dry hole.
BP Con I " 17	F.Toms	McMillan/Gartley	Oct. 20, 1953	6	2 1/2	18	6	Fresh	D	Hard clay 5; blue gumbo clay 14; limestone 38.
BP Con I " 17	C.Reid	G.H.Chalk Jr.	May 21, 1954	6	22	20	20	"	D	Clay 12; grey limestone 36.
BP Con I " 20	R.Rouse	McMillan/Gartley	Nov. 5, 1953	6	3	23	9	"	D	Grey karapan 13; hard grey limestone 28.
BP Con I " 20	C.Grass	G.H.Chalk Jr.	Apr. 5, 1954	6	5	30	5	"	D	Clay 1; grey limestone 30.
BP Con I " 20	"	"	Apr. 26, 1954	6	25	13	13	"	D	Fill 5; clay 7; grey limestone 27.
BP Con I " 20	T.Blake	"	Jul. 24, 1954	6	3	60	3	Sulphur	D	Clay 3; grey limestone 60.
BP Con I " 21	A.Gurnick	"	May 7, 1954	6	1	70	5	Fresh	D	Clay 1; grey limestone 70.
BP Con I " 24	E.B.Adams	B.Smiley	Nov. 18, 1953	6		33	27	Slightly Sulphur	D	Till 7; limestone 33.
Con I " 13	R.Campbell	"	Jul. 29, 1953	6	2 1/2	35	9	Sulphur	D	Till 8; limestone 35.
Con I " 13	D.Campoli	"	Aug. 1, 1953	6	3	38	14	Fresh	D	Clay 10; limestone 38.
Con I " 13	M.E.Johnston	"	Aug. 4, 1953	6	1 1/2	35	16	Slightly Sulphur	D	Till 11; limestone 35.
Con I " 14	E.Labadar	G.H.Chalk Jr.	Aug. 5, 1954	6	18	15	6	Salt & Sulph	D	Grey limestone 32.
Con I " 16	L.Purdy	"	May 14, 1954	6	22	20	20	Fresh	D	Clay 14; grey limestone 40.
Con I " 17	H.Nelles	B.Smiley	Apr. 19, 1954	6	35	28	7	"	D	Clay 19; shale 20; limestone 50 1/2.
Con I " 17	T.Williams	L.McGlennon	Jun. 5, 1954	6	10	7	2	"	D	Clay 19; limestone 25.
Con I " 17	J.N.Hunter	"	Jun. 8, 1954	6	10	7	2	"	D	Clay 20; limestone 33.
Con I " 17	D.McLean	"	Jun. 13, 1954	6	1	47	2	"	D	Clay 15; limestone 47.
Con I " 17	L.D.Hopkins	"	Sep. 17, 1954	6	13	8	6	"	D	Clay 15; shale 21.
Con I " 17	A.Short	"	Sep. 19, 1954	6	5	12	3	"	D	Clay gravel 18; limestone 37.
Con I " 17	P.Tomaso	"	Oct. 5, 1954	6						Clay 18; limestone 38. Dry hole, gas encountered.
Con I " 17	"	"	Oct. 8, 1954	6						Clay 18; limestone 36. Dry hole, gas encountered.
Con I " 17	"	"	Oct. 12, 1954	6	1	47	8	Fresh	D	Clay gravel 13; limestone 47.
Con I " 17	N.Howard	"	Nov. 16, 1954	6	5	18	12	"	D	Clay 23; shale 25; limestone 35.
Con I " 17	J.Ellis	"	Dec. 6, 1954	6	1	50	20	"	D	Clay shale 6; blue limestone 50.
Con I " 20	C.Grass	G.H.Chalk Jr.	Apr. 14, 1954	6	2 1/2	40	10	Sulphur	D	Clay 3; grey limestone 40.
Con II " 5	C.Belch	McMillan/Gartley	Nov. 15, 1954	5	3	13	9	"	D	Limestone 31.
Con II " 6	A.E.Perry	"	Jun. 5, 1954	5	1	25	7	Fresh	D	Clay shale 4; limestone 26.
Con II " 6	D.Taylor	"	Jun. 15, 1954	6	1	12	4	"	D	Earth shale 3; limestone 19.
Con II " 6	C.Belch	"	Oct. 1, 1954	5	1	29	7	Slightly Sulphur	D	Clay shale 4; limestone 35.
Con II " 6	"	"	Oct. 1, 1954	5	1	23	4	"	D	Shale 3; limestone 21.
Con II " 7	C.Dow	"	Jun. 23, 1953	5	2	25	5	"	D	Soil 2; hard grey limestone 5; soft limestone 25.
Con II " 7	C.Murray	"	Aug. 25, 1953	5	1 1/2	9	9	Fresh	D	Earth 3; hard grey limestone 52.
Con II " 7	B.Fuller	G.H.Chalk Jr.	Jul. 10, 1954	6	1	30	5	"	D	Grey limestone 30.
Con II " 7	C.Lockwood	McMillan/Gartley	Sep. 3, 1954							Dug well 11; limestone 25. Dry hole.
Con II " 8	L.G.Byrd	"	Apr. 14, 1953	5	8	22	4	Fresh	D	Clay shale 4; limestone 27.
Con II " 8	H.Curson	"	Oct. 27, 1953	5	2	23	5	Sulphur	D	Blue clay 5; hard grey limestone 27 1/2.
Con II " 8	R.Petrie	"	Oct. 30, 1954	5	2	9	3	Fresh	D	Shale clay 3; limestone 20.
Con III " 2	A.Walker	G.H.Chalk Jr.	Jul. 29, 1954	6	2	45	14	Sulphur	D	Loam 5; grey limestone 45.
Con III " 4	G.McPherson	"	Jul. 21, 1954	6	2	32	6	Fresh	D	Loam 1; grey limestone 32.
Con III " 6	D.Parks	McMillan/Gartley	Jul. 14, 1953	5	1	25	6	"	D	Earth clay 5; limestone 28.
Con III " 8	McCollPronte-nac Oil Co.	W.H.Davy & Son	May 14, 1953	6 1/2						Shale 15; blue limestone 248; red granite 250. Dry hole.
Con III " 8	"	"	May 20, 1953							Shale 15; blue limestone 162. Dry hole.
Con III " 8	"	"	Jun. 4, 1953	6 1/2	30	3	4	Fresh	C	Shale 6; blue limestone 56.

## HASTINGS COUNTY-cont.

## Thurlow Twp.-cont.

Con III	lot 3	Trans-Northern Pipe Line Co.	R.H.Casselman	Dec. 1, 1954	5	7	203	7	Mineral	C	Topsoil 4; shattered limestone 8; medium-hard dark limestone 250; red granite 256.
Con III	" 12	H.Doidge	B.Smiley	Oct. 30, 1953	6	3	23	18	Fresh	D	Till 7; shale 10; limestone 26.
Con IV	" 3	J.H.Miller	J.W.Summers	Jan. 15, 1954	6	10	7	7	"	C	Brown topsoil boulders 3; grey clay stones 18; gravel 20.
Con IV	" 11	W.Rodberg	McMillan/Gartley	Jan. 13, 1953	6	1	35	4	"	D	Clay 20; gravel 37.
Con V	" 2	C.E.Hubble	C.J.Fraser	Dec. 6, 1953	6	20	20	11	"	D	Gravel 4; clay 10; limestone 35.
Con V	" 3	K.Madson	G.H.Chalk Jr.	Jun. 28, 1954	6	24	15	15	"	D	Clay 18; grey limestone 40.
Con V	" 13	J.A.Pitt	"	Oct. 19, 1954	6	7	35	10	"	D	Clay 5; clay boulders 15; sandy gravel 30; gravel 35.
Con VI	" 17	Babies Convale scent Home.	C.J.Fraser	Jul. 18, 1953	6	40	10	10	"	P	Clay 7; gravel 21; clay 31; gravel 39.
Con VII	" 21	G.Denyes	"	Jan. 15, 1954	8						Clay 4; hardpan 25; clay small stones 50; gravel 52; limestone 183; Dry hole.
Con VIII	" 14	A.Ray	"	Jul. 22, 1953	6	5	50	15	Fresh	D	Black clay loam 2; till 7; hardpan 16; limestone 50.
Con VIII	" 14	School	"	Jan. 29, 1954	6	20	19	19	"	P	Gravel 2; sand 28; red granite 100.
Con VIII	" 18	R.Chambers	"	Jul. 21, 1953	6				"		Dug well 11; gravel 22. Dry hole.
Con IX	" 31	M.E.Pargey	G.H.Chalk Jr.	Oct. 26, 1954	6	20	12	12	"	D	Gravel boulders 15; grey limestone 42.
Trenton		P/D Ice Fuel	B.Smiley	Sep. 16, 1953	6	35	60	5	Sulphur	C	Till 5; limestone 62.
Tudor Twp.											
Con V	lot 22	G.Griffin	E.Taylor	Jul. 31, 1954	6	14	8	8	Fresh	C	Soil loose stone 7; hard blue rock 45.
Con XVIII	" 11	V.McMurray	C.J.Fraser	Jun. 17, 1953	6	20		60	"	D	Sand 7; dolomite 55; grey crystalline limestone 110.
HRE	" 20	School	E.Taylor	Jul. 18, 1954	6	12	35	15	"	P	Soil loose stone 8; hard blue rock 70.
Tweed		Village of Tweed	C.J.Fraser	Jun. 7, 1954	10	250	140	81	Fresh	P	Sand 41; red moira granite 435.
Tyendinaga Indian Reserve											
SR Con I	lot 1	C.Scott	G.H.Chalk Jr.	Jul. 3, 1954	6	22	16	16	Fresh	S	Clay 5; grey limestone 48.
SR Con I	" 6	W.Sager	"	Oct. 10, 1953	6	24		11	"	D	Clay sand 10; grey limestone 63.
SR Con II	" 4	J.Green	"	Feb. 6, 1954	6	2	40	8	"	D	Clay 4; hardpan 9; grey limestone 40.
SR Con II	" 5	K.Vivian	"	Feb. 15, 1954	6	20	10	Flows	"	D	Clay 1; grey limestone 40.
SR Con II	" 12	J.Brant	"	Dec. 16, 1954	6	2	75	25	"	D	Boulders clay 25; quicksand 35; hardpan 50; blue clay 56; grey limestone 75.
SR Con II	" 27	Can.Dept.of Indian Affairs	"	Aug. 18, 1954	6	34	50	10	Sulphur	P	Clay 3; grey limestone 50.
SR Con III	" 18	School	"	Nov. 4, 1953	6	24		12	Fresh	P	Gravelly hardpan 13; grey limestone 60.
SR Con III	" 32	School	"	Oct. 3, 1953	6	3	64	20	"	P	Clay 10; gravelly hardpan 25; blue clay 40; grey limestone 64.
SR Con III	" 33	N.Hill	G.S.Chalk	Jul. 15, 1953	6	74	55	15	Sulphur	D	Clay 8; grey limestone 55.
SR Con III	" 34	Tyendinaga Christ Church	"	Jul. 22, 1953	6	10	62	20	Fresh	D	Sand boulders 14; grey limestone 62.
Tyendinaga Twp.											
NR Con I	lot 29	L.Parrell	T.E.Richmond	Oct. 26, 1953	6	12	8	8	Fresh	C	Clay loam 1; white clay pebbles 12; hard black limestone 24; hard grey limestone 46.
NR Con I	" 39	V.Oliver	G.H.Chalk Jr.	Sep. 22, 1954	6						Grey limestone 135. Dry hole.
NR Con III	" 5	J.S.Tiffin	McMillan/Gartley	Jan. 8, 1954	5	8	5	5	Fresh	D, C	Blue clay boulders 12; hard grey limestone 25.
NR Con III	" 22	D.Gartland	T.E.Richmond	Oct. 17, 1953	6						Loam 14; hard grey limestone 35. Dry hole.
NR Con III	" 22	"	"	Oct. 22, 1953	6						Loam 1; hardpan 4; hard grey limestone 36; hard white limestone 64. Dry hole.
NR Con V	" 16	V.McKenney	"	Sep. 22, 1953	54	5		22	"	S	Old well 36; grey limestone 62.
NR Con V	" 17	T.Kehoe	"	Oct. 12, 1953	6			20	"	D	Loam 1; hardpan 6; boulders 12; hard grey limestone 52.
NR Con V	" 21	F.Coffey	"	Sep. 3, 1953	6	14	40	25	"	D	Loam 3; hardpan boulders 6; shale 3; grey limestone 30; chalky limestone 34; grey limestone 40.
NR Con V	" 26	L.Westcott	"	Sep. 11, 1953	6						Clay boulders 10; grey limestone 40; black and grey limestone 50; grey limestone 58. Dry hole.
NR Con VI	" 17	J.Kehoe	"	Oct. 1, 1953	6			18	Fresh	D	Hardpan gravel 7; shale 13; grey limestone 45; grey and brown limestone 58.
NR Con VI	" 20	Sep.School	"	Aug. 25, 1953	6			14	"	P	Hardpan 3; soft limestone 13; hard grey limestone 45.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>HASTINGS COUNTY-cont</b>										
Tyeninaga Twp. cont										
N.R.Con VI lot 26	L. Westcott	T.E. Richmond	Sep. 16, 1953	6						White clay boulders 10; grey limestone 58. Dry hole.
N.R.Con VI " 30	L.V. Corrigan	"	Nov. 20, 1953	6						Grey limestone 58. Dry hole.
N.R.Con VI " 30	"	"	Dec. 7, 1953	5						Loam 1; hardpan 6; grey limestone 47. Dry hole.
N.R.Con VIII " 22	L. McGuinness	L.E. MacDonald	Jan. 13, 1954	6 1/2	5	25	25	Fresh	S	Clay 2; broken limestone 13; limestone 5.
S.R.Con I " 10	P. Maracle	J.H. Chalk Jr.	Nov. 16, 1954	6	20	18	18	"	D	Grey limestone 35.
S.R.Con I " 11	S. Fitzgerald	"	Nov. 19, 1954	6	20	15	15	"	D	Clay 12; grey limestone 42.
S.R.Con I " 19	H. Topping	"	Jan. 23, 1954	6				"	D	Grey limestone 31. Dry hole.
S.R.Con I " 19	"	"	Jan. 29, 1954	6	17	25	20	"	D	Clay 1; grey limestone 54.
S.R.Con I " 39	J.K. Chadwick	"	Mar. 26, 1954	6	22	35	15	slightly Sulphur	S	Clay 15; grey limestone 80.
Wollaston Twp.										
Con VII lot 14	H.H. Johnston	C.J. Praser	Feb. 4, 1954	6	20	40	5	Fresh	D	Sand 2; grey granite 46.
<b>HURON COUNTY</b>										
Ashfield Twp.										
PC NTP lot 4	E. Hondrick	G.L. Davidson	Jun. 22, 1954	6 1/2	12	57	57	Fresh	D	Clay 85; shale 110; soft limestone 135; hard limestone 165.
W.D.Con VII " 6	J. Kelley	P.L. Davidson	Jul. 7, 1954	4 1/2	12	60	60	"	D	Clay 107; sand 116; rock 128.
W.D.Con XIV " 17	C. Boyd	"	Nov. 3, 1954	4	6	105	93	"	D,S	Clay 210; hardpan 219; shell rock 257; limestone 263.
Bayfield	C. Cunningham	W.D. Hopper & Sons	May 20, 1953	4	8	30	26	Fresh	D	Soil sand 6; clay 90; stones 106; limestone 138.
Bayfield	Powder Bros.	"	Jul. 23, 1953	4	10	45	40	"	D	Sand 20; blue clay 114; soft rock 149.
Bayfield	E.J. Bauer	"	Sep. 19, 1953	5	10	33	28	"	D	Sand blue clay 60; blue clay 110; limestone 154.
Bayfield	G. Little	"	Aug. 18, 1954	4	8	54	40	"	D	Sand 20; blue clay 112; fine gravel 118; grey limestone 147.
Bayfield	H. Bauer	"	Sep. 16, 1954	5	12	16	14	"	D	Yellow sand 10; blue clay 90; hardpan stones 110; grey limest. 150.
Bayfield	L. Edgehoffer	"	Nov. 2, 1954	4	10	42	38	"	P	Sand 30; blue clay 90; clay boulders 112; grey limest. 150.
Blyth	Village of Blyth	G.L. Davidson	Feb. 4, 1953	8	50	50	12	Fresh	P	Sand gravel 42; soft shale 60; medium hard brown limestone 79; caving limestone 80; medium-hard brown limestone 235; caving limestone 240.
Colborne Twp.										
WD BF lot 18	Camp Hermosa	G.L. Davidson	Oct. 17, 1953	4	10	40	40	Fresh	P	Clay 57; till 72; shale 94; hard brown rock 110.
WD Con II " 7	R. Jewell	P.L. Davidson	Nov. 23, 1954	4	10	100	92	"	D,S	Clay stones 48; coarse gravel 150; hard clay 169; shale 175; hard limestone 210.
WD " C	J.E. Naffel	W.D. Hopper & Son	May 3, 1953	4	10	10	5	"	D	Gravel 20; blue clay 57; soft rock 68; brown limest. 108.
WD " C	G. Bean	P.L. Davidson	May 9, 1953	4	12	40	27	"	D	Till 63; rock 135.
East Wawanosh Twp.										
Con I lot 31	R. Eason	G.L. Davidson	Oct. 31, 1953	4	5	80	42	Fresh	D,S	Dug well 37; gravel boulders 76; till 132; hard brown rock 151.
Con V " 41	W.H. Mason	"	May 20, 1953	4	12	64	60	"	S	Dug well 52; sandy gravel 70; till 161; brown limestone 188.
Con VIII " 37	H. Vincent	"	Oct. 13, 1954	4 1/2	10	75	70	"	D,S	Sand gravel 26; brown clay 58; clay gravel 128; shale 141; hard brown limestone 160.
Con XI " 40	J. Taylor	P.L. Davidson	Jan. 5, 1954	4 1/2	12	26	21	"	D,S	Dug well 26; shale 60; hard brown limestone 100.
Exeter	Exeter Publ. Utilities Comm	International Water Supply	Dec. 6, 1954	8					T	Top soil 1; sandy clay 8; hardpan 12; clay little gravel 17; gravel clay 20; clay 44; clay gravel 46; gravel sand pieces of clay 49; hard clay sand 73; brown limestone 75.
Goderich Twp.										
B.C. lot 1	E. Siddal	W.D. Hopper & Sons	Apr. 19, 1953	4	6		Flows	Fresh	C	Blue clay 30; clay stones 45; grey limestone 59.
B.C. " 25	R. Rathwell	"	May 5, 1953	4	6	210	210	"	D,S	Red clay 40; sand 80; clay sand 150; clay 145; grey rock 230.
B.C. " 47	A. Wise	"	Sep. 8, 1954	5	8	170	170	"	D,S	Grey clay 60; hardpan pebbles 90; grey limestone 178.
Con I " 5	W. Bannister	P.L. Davidson	Dec. 15, 1953	4 1/2	12	60	52	"	P	Clay 52; till 85; clay 104; rock 145.
H.R. " 104	J. Sutherland	G.L. Davidson	Apr. 24, 1954	4 1/2	10	130	115	"	P	Gravel 16; sand 30; clay 40; clay mixed with sand 58; sand 64; clay mixed with sand and gravel 104; gravel 108; sand 120; marl 127; shale 152; limestone 227.

Grey Twp.

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1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Huron County-cont. Hullett Twp. cont. Con XII lot 13	R. Watson	W.D. Hopper & Sons	Nov. 10, 1953	4	10	45	40	Fresh	D, S	Grey clay 40; soft clay fine sand 90; hard clay stone 97; grey limestone 152.
Con XII " 25	H. Cunningham	G.L. Davidson	Sep. 3, 1954	4	10	70	70	"	D, S	Clay 13; carapan boulders 102; sand stones 123; limestone 159.
Con XIII " 32	S. Ament	P.L. Davidson	Jan. 22, 1953	4	15	95	33	"	D, S	Clay 46; till 74; gravel 30; shale 90; hard brown rock 143.
NSRW " 5	R. Turner	G.L. Davidson	Jul. 10, 1954	4 1/2	10	67	50	"	D, S	Clay sand gravel 33; gravel 35; clay sand gravel 50; sandy gravel 72; hard rock 144.
McKillop Twp. Con I lot 30	J. Scott	W.D. Hopper & Sons	Oct. 17, 1953	4	10	15	12	Fresh	S	Clay mixed with stones 47; hard limestone 77; dark limestone 94.
Con III " 23	Van den Hengel	"	Jul. 15, 1954	4	10	20	16	"	D, S	Grey clay 55; hardpan stones 70; grey rock 139.
Con IV " 16	K. Stewart	"	Feb. 23, 1953	4	12	4	3	"	D, S	Dug well 22; hardpan loose rock 40; yellow limestone 109.
Con V " 14	P. Hicknell	"	Feb. 7, 1953	4	18	8	6	"	D, S	Top soil gravel 14; yellow clay 30; hardpan 60; limestone 103.
Con V " 16	W. Story	"	May 17, 1953	4	10	8	5	"	D, S	Grey clay stones 38; gravel sand 47; grey limestone 116.
Con VIII " 1	Bennewies	E. Bell	Oct. 15, 1953	4	17	35 1/2	35 1/2	slightly Sulphur	D, S	Old well 42; clay 50; clay boulders 70; clay 77; limestone 145.
Con VIII " 26	O. Dulmag	W.D. Hopper & Sons	Apr. 2, 1954	4	6			"	D	Blue clay 35; hardpan some stones 110; grey limestone 145.
Con IX " 15	R.L. Bolton	E. Bell	Nov. 12, 1953	4	17	20	20	"	D	Clay 25; clay stone 50; hardpan 75; clay 80; gravel 82; limestone 129.
Con XI " 20	J. Glanville	L. Hayden & Son	Mar. 10, 1953	4	10	12	12	"	D, S	Old well 25; sand 36; hardpan 42; stones 45; hardpan clay 70; quicksand 32; hardpan sand 89; grey limestone 135.
Morris Twp. Con V lot 6	H. Keating	G.L. Davidson	Nov. 29, 1954	4	10	30	30	Fresh	D, S	Sand gravel stones 26; stony hardpan 76; sandy gravel 84; shale rock 92; limestone 121.
Con VII " 16	E. Smith	C. Keeso	May 20, 1953	4	15	16	15	"	D, S	Blue clay 40; sand 50; red clay 75; shale 94; blue rock 120.
Con IX " 28	R. Achilles	P.L. Davidson	Jan. 11, 1953	4	15	40	30	"	D, S	Clay 23; till 64; rock 102.
Port Albert Stanley Twp.	R. Petrie	G.L. Davidson	Oct. 1, 1954	4 1/2	10	16	12	Fresh	D	Sand gravel 16; stony hardpan 36; hard limestone 43; soft limestone 67.
129 ERN lot 25	A. Mustard	W.D. Hopper & Sons	Aug. 18, 1953	3 1/2	4	195	190	Fresh	D, S	Clay stones 85; clay 109; fine sand 154; limestone 211.
LRW " 10	J. McCort	"	Jun. 23, 1953	4	10	11	6	"	D	Blue clay 98; hard clay stones 104; soft grey rock 154.
LRW " 11	P.J. Fisher	"	Sep. 25, 1954	4				"	D	Yellow clay 12; blue clay 90; gravel stones 110; grey limestone 150.
Stephen Twp. Con I lot 5	N. Mitchell	Schenk Bros.	Nov. 20, 1953	4 1/2	1	50	32	Fresh	D	Clay boulders 50; gravel 57.
Centralia Con I " 5	C. McDowell	"	Aug. 28, 1954	4 1/2	6	43	39	"	D	Clay 40; quicksand 55; sand boulders 63; limestone 74.
Con I " 14	Ellerington Br.	P.L. Davidson	Nov. 3, 1953	5	4	305	285	"	D, S	Clay 29; sand 33; till 82; limestone 305.
Con I " 14	"	"	Nov. 3, 1953	4 1/2	4	305	285	"	D, S	Clay 29; sand 42; till 82; limestone 305.
Con VI " 9	S. King	L. Hayden & Son	Mar. 1, 1953	4	10		90	"	S	Old well 67; blue clay 103; stones hardpan 109; harapan 125; sand stones 130; hardpan 135; sand stones 140; grey limestone 149.
Con VI " 10	J.H. Wade	G.L. Davidson	Feb. 17, 1953	3 1/2	6	90	90	"	J	Clay 63; sand 98; blue shale rock 118.
Con VI " 11	L. England	"	Feb. 25, 1953	4	6	87	96	"	D	Clay 55; sand clay 98; till 120; soft brown limestone 126.
Con VII " 10	L. Hodge	"	Feb. 21, 1953	4	6	94	94	"	D	Clay 53; sandy clay 98; till 124; soft brown rock 127.
Crediton Con VII " 10	C. Brock	Schenk Bros.	Jul. 1, 1954	4 1/2	8	100	90	"	D	Clay 38; gravel 80; gravel boulders 115; limestone 123.
Con VII " 10	L. Hodge	"	Jul. 20, 1954	4 1/2	7	100	90	"	D	Clay 40; gravel clay 80; gravel boulders 119; limestone 126.
Con VII " 11	P.W. Morlock	G.L. Davidson	Mar. 5, 1953	4	5	114	114	"	D	Clay 65; sand 102; till 120; shale clay seams 128; hard brown rock 134.
Con VIII " 4	R. Lampert	Schenk Bros.	Sep. 20, 1953	4	3	95	70	"	S	Gravel 8; clay 80; gravel 100; hardpan 113; rock 115.
Con XVII " 10	School S #7	G.L. Davidson	Apr. 21, 1953	4	3	95	95	"	P	Clay 80; stony clay 105; hard brown limestone 120.
Con XXI " 6	School S #10	"	Aug. 29, 1953	4				"		Blue clay 126; hard grey rock 150. Dry hole.
Con XXI " 6	"	P.L. Davidson	Nov. 4, 1953	4	3	80	67	Sulphur	P	Clay 119; sand 122; limestone 127.
SBC " 4	G. Gollen	S. Earl	Jan. 2, 1953	4	19	60	45	Fresh	D, S	Red clay 50; white sand 75; till 134; limestone 137.
SBC " 40	"	Gooding/Pedlar	Nov. 21, 1953	4			40	Sulphur	D, S	Top soil 15; blue clay 130; blue shale 145; limestone 165.
SBC " 40	"	"	Nov. 28, 1953	4			50	Fresh	D, S	Top soil 10; blue clay 116; hardpan 128.
SBC " 40	"	"	Dec. 12, 1953	4	10	51	39	slightly Sulphur	D, S	Red clay 15; blue clay 124; hardpan 126; limestone 130.





# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY-cont. Garden Twp.cont. Con A lot 14	C. Vanroboys	Economical Water	Oct. 7, 1954	4						Yellow sand 1; blue clay 54; gravel sand 56; clay sand 61; quicksand 63; clay gravel 65; soapstone. Dry hole.
Con I " 7	A. Longford	A.R. Zimmer	Aug. 5, 1953	3 1/2	3	25	15	Fresh	D	Sand 2; blue clay 5; sand gravel 57.
Con I " 13	P. Hopper	O.L. Bouyer/Son	Dec. 5, 1953	3	5	12	10	"	D	Red sand 1; quicksand 10; soft blue clay 25; hardpan 30; gravel 31.
Con I " 14	G. Lebertson	A.R. Zimmer	Oct. 15, 1953	3 1/2				"	D	Yellow sand 12; blue clay 47; fine sand 60; blue sandy sandpan 67; blue slate 74; hard limestone. Dry hole.
Con I " 14	"	"	Oct. 21, 1953	3 1/2				"	D	Top soil 1; yellow sand 12; blue clay 47; fine sand 60; blue sandy hardpan 67; blue slate 74. Dry hole.
Con I " 14	J. Levertson	E.R. McGaffey	Jan. 30, 1954	3 1/2	4	13	10	"	D	Sand 3; blue clay 47; hardpan 52; gravel 61.
Con I " 15	H. Cartier	Economical Water	Oct. 14, 1954	3 1/2	12	25	8 1/2	"	D	Yellow sand 4; blue clay 49; sand gravel 60.
Con II " 10	G. Erickson	" Supply "	May 11, 1954	3 1/2	8		6 1/2	"	D, S	Yellow sand 12; blue clay 49; hard clay sand 51; gravel sand mixed with clay 71; sand gravel 72.
Con IV " 2	J. Doag	E.R. McGaffey	Jul. 15, 1954	5	5		9	"	S	Red sand 7; silt 30; hardpan 43; black shale.
Con IV " 3	F. Devries	"	Jun. 20, 1953	4	5		10	"	D, S	Sand 3; blue clay 38; hardpan 43; fine gravel 46; black shale.
Con IV " 5	D. Phillips	"	Jun. 24, 1953	4	7 1/2		10	Sulphur	D	Red sand 6; blue clay 28; hardpan 37; fine gravel 38; black shale.
Con IV " 5	"	"	Aug. 24, 1953	4	12		8	Fresh	D, S	Red sand 5; blue clay 27; hardpan 37; broken shale 38.
Con IV " 5	R. Hawgood	"	Sep. 11, 1953	4	10		7	"	D	Red sand 6; blue clay 28; hardpan 40; black shale 41.
Gore Con I " 9	F. Brewer	A.A. Heal	Nov. 14, 1953	4	5	41	11	"	D	Top soil yellow clay 8; very soft blue clay 43; hardpan 44; hard blue clay 46; black gravel sand clay 59; black shale rock.
Gore Con II " 5	R. Lazen	Economical Water	Feb. 19, 1954	4						Yellow clay 14; blue clay 51; sand clay 53; white clay 60. Dry hole.
Gore Con II " 5	"	" Supply "	Feb. 26, 1954	4	1/2	52	13 1/2	Fresh	D	Yellow clay 14; blue clay 50; sand 52.
Gore Con II " 10	R. McMullin	"	Mar. 9, 1954	4	5	21	11	"	D	Yellow clay 10; blue clay 45; sand gravel 47; shale.
Gore Con III " 4	G. Lawrence	E.R. McGaffey	Jun. 16, 1953	6 1/2			20	"	D	Sand 4; silt 49; hardpan 50; fine gravel 51.
Gore Con III " 5	J.E. Smith	Tyhurst & Smith	Aug. 4, 1954	3 1/2						Sand clay 8; clay 46; hardpan 54; sand gravel 56; shale. Dry hole.
Gore Con III " 6	G. Wilson	Economical Water	Nov. 21, 1953	4						Yellow clay 12; blue clay 48; clay gravel 49; gravel 59 1/2; black shale rock 68. Dry hole.
Gore Con III " 6	"	" Supply "	Nov. 24, 1953	4						Yellow clay 12; blue clay 48; clay gravel 49; gravel 59 1/2; black shale rock 75. Dry hole.
Gore Con III " 6	"	"	Nov. 30, 1953	4	1/2		30	Fresh		Yellow clay 12; blue clay 48; clay gravel 49; gravel 54; gravel 59 1/2; rock. Abandoned.
Gore Con III " 7	R. Tyhurst	Tyhurst & Smith	Aug. 4, 1954	3 1/2						Yellow clay 12; blue putty 46; hardpan 47; shale 49. Dry hole.
Gore Con III " 7	"	"	Aug. 6, 1954	3 1/2						Yellow clay 12; blue putty 47; hardpan 49; shale 50. Dry hole.
Gore Con III " 7	"	"	Aug. 11, 1954	3 1/2						Yellow clay 12; blue putty 46; hardpan 47; shale 48. Dry hole.
Gore Con III " 7	"	"	Aug. 25, 1954	3 1/2	1/2	49	16	Fresh		Yellow clay 12; blue putty 47; hardpan 48; sand gravel 49. Abandoned.
Gore Con III " 7	"	"	Sep. 4, 1954	3 1/2	2	35	23	"	D, S	Yellow clay 12; blue putty 47; hardpan 48; shale 43 1/2.
Gore Con IV " 1	J. Drilicka	A.A. Heal	Mar. 9, 1953	4	1	62 1/2	8	"	T	Top soil sand 4; sand yellow clay 16; soft blue sandy clay 40; hardpan 52; loose black shale gravel 57 1/2; black shale rock 62 1/2.
Gore Con IV " 1	M. McKay	"	Mar. 20, 1953	6 1/2	36	28	9	Fresh	P	Top soil sand 4; yellow clay sand streaks 12; blue clay 42; gravel 55; clay sand 65.
Gore Con IV " 1	J. Palanek	Economical Water	Aug. 13, 1954	4	15	128	25	"	D, S	Sand 5; blue clay 42; hard clay gravel 55; black rock 123; soapstone.
Gore Con V " 5	A. Okkema	" Supply "	Feb. 3, 1954	3 1/2	1/2		18	"	D	Blue clay 42; gravel clay 54; shale.
Gore Con V " 10	S. Smida	"	Jul. 23, 1954	4	10	20	10	"	D, S	Yellow sand 16; blue clay 32; gravel 32 1/2; rock.
Gore Con VI " 4	J. Kozinek	"	Dec. 4, 1954	4				"		Yellow sand 5; blue clay 46; rock. Dry hole.
Gore Con VII " 2	P. Funk	"	May 8, 1954	4	5	10	10	"	S	Yellow sand 10; blue clay 50; sand gravel 51.
Gore Con VIII " 3	Dawn Mills Parsonage	"	Jan. 16, 1954	4	1/2		22 1/2	"	D	Yellow sand 7; blue clay 32; hard blue gravel 45; rock.
Gore Con IX " 1	C.H. Smith	E.R. McGaffey	Feb. 24, 1953	3 1/2	12		7	"	D	Yellow sand 11; yellow clay 16; blue clay 32; coarse gravel 33.
Gore Con X " 1	A. Badder	"	Aug. 17, 1953	4						Sand 5; blue clay 15; hardpan 26; fine gravel 28; hardpan 42; blue shale 48; black shale 70. Dry hole.
Gore Con X " 1	"	"	Aug. 19, 1953	4						Sand 5; blue clay 28; fine gravel 30; hardpan 42; blue shale 44. Dry hole.

## KENT COUNTY-cont.

## Camden Twp.cont.

Gore Con X lot	1	A.Badder	E.R.McGaffey	Aug.21,1953	4	15		5	Fresh	D	Sand 4;blue clay 23;boulders fine gravel 29;hardpan 35;boulders fine gravel 36;blue shale 41;black shale 57.
Gore Con XI "	1	B.Lloyd	D.Waite	Dec. 3,1954	4						Dark clay 1;yellow clay 12;grey clay 35;hardpan 48;black shale 65. Dry hole.
Gore Con XI "	1	"	"	Dec. 7,1954	4	5	40	8	"	D	Dark clay 1;yellow clay 12;grey clay 35;hardpan 47.
Gore Con XII "	1	F.Kuryvial	E.R.McGaffey	Nov. 4,1953	4			8	Slight Salt	D	Red sand 6;blue clay 25;silt 45;black sand 46;hardpan 55; rock 69. Unfit for drinking.
Gore Con XIV "	2	T.Brooks	A.E.Zimmer	Jul.28,1954	4	1	40	9	Fresh	D,S	Sandy soil 11;quicksand 15;blue clay 49;sand gravel 54.
Gore Con XIV "	9	W.North	R.Lather	Jul.22,1954	4	8	20	13	"	D,S	Sand 10;grey clay 32;till 33;gravel sand 46.
Chatham		E.Pair	L.Paubert	Jun.24,1953	3						Clay 10;sand 50;sand gravel 51;sand 70;shale 75; Dry hole.
Chatham		"	"	Jun.27,1953	3						Clay 11;sand 49;sand gravel 50;sand 70;shale 71. Dry hole.
Chatham		"	"	Jul. 1,1953	3						Clay 10;sand 51;sand gravel 53;sand 68;shale 69. Dry hole.
Chatham		G.Swatyk	O.L'Ecuyer & Son	Nov. 1,1953	3	2½	30	20	Fresh	D	Red sand hard clay 10;soft blue clay 45;hardpan 63; sand gravel 65.
Chatham		D.Rice	G.Rice	Feb.24,1954	3½						Sand 12;blue clay 49;quicksand 64;black sand 69;brown shale 71. Dry hole.
Chatham		"	"	Apr. 9,1954	3½						Pine sand 12;blue mud 49;quicksand 64;black sand 69; black shale 71. Dry hole.
Chatham Twp. Con I lot	2	H.Letreatult	O.L'Ecuyer & Son	May 2,1954	3	3	70	14	Fresh		Clay 14;sand 18;clay 47;sand gravel 51;sand clay 65;gravel clay 67;black soft shale 70. Abandoned.
Con I "	2	"	"	May 16,1954	3	3	70	14	"	D	Clay 14;sand 18;clay 48;sand gravel 52;sand clay 65;gravel clay 67;black soft shale 70.
Con I "	2	W.Robinson	"	Aug. 2,1954	3	3	70	14	"	D	Clay 13;sand 16;clay 51;sand clay 64;gravel sand 66; black rock 70.
Con I "	4	C.Smith	"	Nov. 5,1954	3	3	65	14	"		Clay 12;sand 14;clay 41;gravel sand 45;clay with pebbles 63;sand gravel 65. Abandoned.
Con I "	5	H.Wildgeon	Economical Water Supply	Jun. 2,1953	3	3		19	"	D	Yellow top soil 10;blue clay 36;blue clay pebbles 39;gravel 41;clay gravel 61;fine sand 65;gravel 66;shale.
Con I "	5	K.VanDurme	" " "	Jun. 4,1953	3½	4		16	"	D	Yellow top soil 14;blue clay 19;fine sand 35;blue clay few pebbles 38;gravel 43;clay gravel 59;fine sand 63;shale.
Con I "	5	"	" " "	Oct.26,1953	3						Blue clay 40;sand clay 67. Dry hole.
Con I "	5	"	" " "	Oct.28,1953	3						Blue clay 40;sand clay 68. Dry hole.
Con I "	5	"	" " "	Oct.31,1953	3						Blue clay 40;sand clay 68. Dry hole.
Con I "	5	"	" " "	Nov. 2,1953	3	1	25	13	Fresh	D	Blue clay 40;sand clay 68;sand 69.
Con I "	5	"	O.L'Ecuyer & Son	Dec.27,1953	3	3	65½	27	"	D	Barth clay 12;sand 18;clay 50;sand gravel 58;clay 63; fine sand 65;sand coarse gravel 65½.
Con I "	5	"	"	Mar.24,1954	3	3	17	15	"	D	Clay 14;sand 17;clay 40;sand gravel 47;clay pebbles 62; sand gravel 64;gravel 65.
Con I "	5	K.VanDurme	"	Apr.15,1954	3	3	37	15	"	D	Clay 15;sand 19;clay 41;sand gravel 46;clay pebbles 59; sand gravel 65;gravel 65½.
Con I "	6	G.Smith	"	Apr.28,1954	3½	3	12	12	"	D	Clay 14;sand 18;clay 45;sand gravel 51;clay pebbles 62; sand gravel 64;coarse gravel 65.
Con I "	7	F.Micha	E.R.McGaffey	Jan. 2,1953	4	4½		21	"	P	Yellow clay 4;blue clay 15;hardpan 69;broken shale 70; black and blue shale 79.
Con I "	7	"	O.L'Ecuyer & Son	Mar.30,1953	4	4	40	13	"	F	Hard clay 10;soft blue clay 40;hardpan 55;gravel 60.
Con I "	7	L.Lourlouse	"	Apr.15,1953	3	3	66	18	"	"	Clay 17;sand 19;clay 52;sand gravel 57;clay gravel 64;gravel 66.
Con I "	7	W.Matt	"	Oct.23,1953	4	1	43	13	"	C	Top soil 12;blue clay 40;hardpan 69;shale 70.
Con I "	7	J.Leschyshyn	"	Dec. 2,1953	4						Earth 14;sand 21;clay few pebbles 59;clay sand gravel 70;clay 71. Dry hole.
Con I "	7	L.Cline	C.Warren	Dec. 5,1953	4	2		21	Fresh	D	Soft clay 67;sand gravel 70;slate 85.
Con I "	7	P.Pillon	Economical Water Supply	May 31,1954	3½	5		19	"	D	Yellow clay 4;blue clay 39;hard clay sand 61;sand gravel 63½.
Con I "	7	W.Quigley	"	Jun.22,1954	3½	6		18	"	C	Yellow sand 3;blue clay 40;hardpan 61;gravel 63.
Con I "	7	G.Timms	"	Jun.26,1954	4	2½		29	"	D	Clay 45;hard clay gravel 59;sand 60;hard clay sand 64;sand 65; hard clay sand 67;gravel 68;hard clay gravel 72;black shale 72½; gravel clay 73.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NENT COUNTY-cont. Shatham Twp.cont.										
Con I lot 7	Rainbow Motel	Economical Water Supply	Oct.22,1954	4	15	35	20	Fresh	P	Yellow sand 6;blue clay 45;hard clay 52;quicksand 58; gravel sand 63.
Con I " 8	A.L.Stacey	"	Oct.26,1953	4	4		29	"	D	Yellow clay 7;blue clay 40;clay sand hardpan 56;gravel 57;sand gravel 70;rock.
Con I " 9	C.Lewis	"	Apr.30,1954	3½						Yellow soil 9;clue clay 47;hard clay 54;quicksand 59;clay gravel 69;soapstone. Dry hole.
Con I " 9	"	"	May 15,1954	3½	1½		18	"	D	Yellow sand 9;blue clay 47;hard clay sand 56;gravel 58.
Con I " 16	G.Zhittim	O.L'Ecuyer & Son	Apr. 1,1954	4	2½	20	12	"	D	Hard clay red sand 10;quicksand 13;soft blue clay 25; hardpan 60;sand gravel 70.
Con II " 1	C.Etches	A.E.Zimmer	Jul.18,1953	4						Top soil sand 12;quicksand 20;blue clay 45;sand hardpan 66;black shale 74;grey shale 85. Dry hole.
Con II " 1	"	"	Jul.25,1954	4	3	35	17	"	D	Sandy soil 12;quicksand 20;blue clay 45;sand hardpan 66; black shale 71.
Con II " 1	C.Taylor	"	Oct.20,1954	4	2	30	17	"	J	Pine sand 20;soft blue clay 70;hardpan stones 74;gravel 75.
Con II " 3	E.Jenkins	Economical Water Supply	Sep. 1,1953	4	1		11	"	D	Sandy top soil 19;blue clay 57;clay hardpan 65;gravel 63;rock.
Con II " 3	W.King	"	Mar.25,1954	3½						Yellow sand 13;blue clay 50;hard clay sand 61;gravel 66; rock. Dry hole.
Con II " 3	N.Ebert	O.L'Ecuyer & Son	Jun. 4,1954	3	3	78	14	"	D	Sand loam 3;clay 10;sand 14;clay 50;gravel sand 54;gravel pebbles 57;sand gravel 73;soft black rock 78.
Con II " 3	P.Pocle	"	Jun.20,1954	3	3	10	10	"	D	Clay 11;sand 14;clay 43;gravel 54;clay sand 62;coarse gravel 64.
Con II " 3	I.Vanstone	"	Sep.27,1954	3	3	10	10	"	D	Clay 13;sand 15;clay 48;sand 52;clay pebbles 64;gravel 66; black rock 70.
Con II " 3	W.King	"	Oct. 9,1954	3	3	78	14	"	D	Sandy loam 3;clay 15;sand 17;clay 52;clay with sand and pebbles 67;sand gravel 71;green and black rock 78.
Con II " 3	R.Rentjima	"	Oct.27,1954	3	3	18	10	"	D	Sandy loam 4;clay 12;sand 15;clay 49;sand gravel 52;clay sand gravel 67;gravel black shale 68.
Con II " 4	J.Vanuden	"	Jun. 6,1953	3½						Clay 14;sand 17;clay 48;clay gravel 55;clay 61;clay gravel sand 65;soft black rock 70. Dry hole.
Con II " 4	J.Vanuden	"	Jun.14,1953	3½						Clay 14;sand 17;clay 47;clay gravel 56;clay 62;clay gravel 65;soft black rock 70. Dry hole.
Con II " 4	"	"	Jun.23,1953	3½						Sandy loam 3;clay 17;sand 19;clay 42;clay sand gravel 47; clay 62;sand gravel 64;soft black rock 68. Dry hole.
Con II " 4	"	"	Jul. 1,1953	3½						Sandy loam 4;clay 16;sand 18;clay 40;sand gravel 46;clay 60;sand gravel 64;soft black rock 66. Dry hole.
Con II " 4	"	"	Jul.12,1953	3½	3	65	16	Fresh	D	Sandy loam 4;clay 17;sand 19;clay 42;sand gravel 47;clay 62;sand gravel 64;coarse gravel 65.
Con II " 4	L.Verschoote	"	May 12,1954	4	5	20	12	"	D	Hard clay red sand 15;soft blue clay 50;hardpan 69;loose shale 70.
Con II " 4	A.Nead	"	Jul.12,1954	3	3	88	14	"	D	Sandy loam 3;clay 12;sand 16;clay 52;clay sand 64;sand gravel 68;clay sand 70;gravel 71;soft black rock 78;sand 86; gravel black rock 88.
Con II " 4	G.Aitkens	"	Nov.25,1954	3	3	78	14	"	D	Sandy loam 4;clay 13;sand 16;clay 52;sand 60;sand clay gravel 72;slate rock with sand 76;black rock 78.
Con II " 6	M.Fields	"	Oct.22,1953	3	3	62	12	"	D	Sandy loam 4;clay 40;clay and gravel mixed 57;gravel 59; fine sand 59½;rock 62.
Con II " 6	P.Dragokupiec	"	Nov.27,1953	3	3	66	18	"	D	Barth 12;sand 16;clay few pebbles 52;sand gravel clay 64½; coarse gravel 65;soft black rock 66.
Con II " 7	E.Vanderboy	S.Zimmer	May 25,1954	3½	4	30	18	"	D,S	Yellow sand 18;soft blue clay 35;gravel clay 55;sandy hardpan 69; sand 70.
Con III " 1	J.Etches	A.E.Zimmer	Jul.11,1953	4	5	30	17	"	D,S	Top soil 2;sandy loam 10;quicksand 20;blue clay 45;sand hardpan 66;black shale 74.
Con III " 1	C.Morse	O.L'Ecuyer & Son	Aug. 7,1953	3½	3	72	14	"	D,C	Clay 15;sand 18;clay 54;gravel 58;gravel sand 65;hard black rock 72.

## KENT COUNTY-cont.

## Chatham Twp.cont.

Con III	lot 1	L.J.Shepley	L.Paubert	Jul.12,1954	4	2½	42	12	Fresh	D	Grey clay 20;quicksand 22;grey clay 58;black sand 64; sand gravel 72.
Con III	" 1	"	"	Jul.14,1954	4						Grey clay 20;quicksand 22;grey clay 58;black sand 64; sand gravel 70. Dry hole.
Con III	" 3	C.Whyte	O.L'Ecuyer & Son	Sep. 4,1954	3½	3	10	10	"	D	Sandy loam 4;clay 11;sand 15;clay 55;clay pebbles 67; sand clay 72;gravel 74;sand rock 82;black rock 83.
Con III	" 4	P.Bernath	"	Dec.19,1954	3						Sand 3;clay 11;sand 14;clay 50;sand gravel clay 62;coarse gravel 66;sand black shale 80;black shale 90. Dry.
Con III	" 5	S.Korytrachin	S.Zimmer	Aug.21,1953	3½	3	10	3	"	P	Top soil loam 3;red clay 5;yellow sand 14;soft blue clay 45; gravelly clay 59; silt gravel 61.
Con III	" 7	P.VanLierde	Economical Water	Jun.18,1954	3½	4		9	"	D	Yellow sand 10;blue clay 41;hardpan 64½; shale.
Con III	" 13	P.Kusalik	" Supply	Apr.14,1953	3	1½	25	18	"	D,S	Sand 24;blue clay pebbles 40;gravel 52;fine floating sand 69;rock.
Con III	" 14	W.A.Gare	C.Warren	Jul. 9,1954	4						Loam 6;sand 16;soft clay 37;clay gravel 65;slate 78. Dry hole.
Con IV	" 3	L.Paubert	L.Paubert	Nov.10,1953	3	8	5	4½	"	D	Top soil 4;quicksand 18;blue clay 60;hardpan 68;black shale 53½.
Con IV	" 12	P.M.Gazarek	Economical Water	May 5,1953	4	4½	7½	7	"	D,S	Blue clay 45;gravel clay 55;gravel 60.
Con IV	" 13	L.Craven	" Supply	Aug.24,1953	4	5		8½	"	D,S	Sandy soil 20;blue clay 49;clay hardpan 59;gravel sand 71;rock.
Con IV	" 15	V.Merritt	"	Sep.28,1953	4	1½		11	"	D	Hard yellow clay 5;blue clay 21;silt 32;hardpan clay sand 55;gravel sand.
Con V	" 2	W.Thibeault	L.Paubert	Jul. 1,1954	4						Grey clay 25;quicksand 28;grey clay 60;sand gravel 75; black shale 80. Dry hole.
Con V	" 2	"	"	Jul. 9,1954	4						Grey clay 25;quicksand 28;grey clay 60;sand gravel 75;black shale 83. Dry hole.
Con V	" 13	A.Craven	Economical Water Supply	Nov.10,1954	3½	2½	60	18	Fresh	D	Yellow sand 9;blue clay 46;hard clay 66;quicksand 68;rock 76.
Con V	" 21	H.Bowman	O.L'Ecuyer & Son	Feb. 1,1954	3	5	12	10	"	D,S	Red sand 10;soft blue clay 30;hardpan 89;sand gravel 90; black shale 90½.
Con VI	" 12	C.J.Craven	Economical Water Supply	Aug.28,1953	3½	1½		16	"	D	Sand 12;blue clay 62;sand gravel 66;rock.
Con VI	" 12	Twp.of Chatham	D.Wade	Nov. 3,1953	4						Sand 15;grey clay 58;hardpan 68. Dry hole.
Con VI	" 12	"	"	Nov.10,1953	4						Sand 12;grey clay 56;hardpan 66;black shale 84. Dry hole.
Con VI	" 12	"	"	Nov.12,1953	4						Dark clay 2;sand 12;grey clay 56;hardpan 62;black shale 66. Dry hole.
Con VI	" 12	"	"	Nov.16,1953	4						Sand 10;grey clay 56;hardpan 58. Dry hole.
Con VI	" 12	J.Studnicka	Econ.Water Supply	Nov.18,1953	4	3		17	Fresh	C	Clay 2;sand 6;quicksand 12;grey clay 55;hardpan 62;black shale 70.
Con VII	" 12	C.McPadden	E.R.McGaffey	Aug.20,1954	4	1½	25	15	"	D	Yellow soil 9;blue clay 54;gravel 55.
Con VII	" 20	"	"	Jan. 6,1954	4½	1½		11	"	D,S	Yellow clay 6;blue clay 40;fine white sand 41;hardpan 47; broken shale 49;black shale 61.
Con IX	" 6	B.Cumming	Econ.Water Supply	Aug. 5,1954	4						Yellow clay 6;blue clay 46;black shale. Dry hole.
Con IX	" 6	H.Cumming	"	Aug. 7,1954	6	3	45	31	Fresh	D,S	Yellow clay 7;blue clay 43;gravel 45.
Con IX	" 23	A.Lernout	"	Feb. 8,1954	3½						Yellow clay 8;blue clay 51;clay gravel 53;black shale.Dry hole.
Con IX	" 23	"	"	Feb.15,1954	3½	2		12	"	D	Yellow clay 18;blue clay 52;gravel 53;shale.
Con X	" 15	J.Cibulka	"	Apr. 2,1954	4	4	32	12½	"	D,S	Yellow sand 4;blue clay 50;gravel clay 55;black shale 61.
Con II	" 18	H.Patterson	"	Sep. 9,1954	3½						Yellow sand 6;blue clay 48;hardpan 61;shale. Dry hole.
Con X	" 20	S.Highgate	E.R.McGaffey	Jan.24,1953	3½	½		9	"		Yellow clay 13;blue clay 38;hardpan 40;sand 55;broken shale 65;black shale 84. Abandoned.
Con X	" 20	"	"	Jan.28,1953	3½						Yellow clay 14;blue clay 40;hardpan 57;broken shale 59; black shale 71. Dry hole.
Con X	" 20	"	"	Feb.14,1953	3½	½		15	"	D,S	Yellow clay 18;silt 43;hardpan 59;broken shale 72;black shale 100.
Con X	" 20	G.Spence	G.R.Simpson	Nov. 4,1954	4	3	32	16	"	D,S	Sandy top soil 6;blue clay 46;sand gravel 48;hardpan 61; black shale 63.
Con X	" 21	W.G.Lucas	A.A.Heal	Jul. 2,1953	4						Top soil yellow clay 12;blue clay 38;hardpan 50. Dry hole.
Con X	" 21	"	"	Jul. 9,1953	4						Top soil yellow clay 12;blue clay 38;hardpan 60;black shale 65. Dry hole.
Con X	" 21	"	"	Nov. 7,1953	4			43	Fresh	D	Top soil yellow clay 12;blue clay 38;hardpan 60;black shale 75.
Con X	" 21	B.Lanfrancois	R.W.Simpson	Dec.19,1954	4						Top soil 4;quicksand 7;blue clay 39;gravelly clay 40;hardpan. Dry hole.
Con X	" 21	"	"	Dec.20,1954	4	½	20	12	"	C	Top soil 4;quicksand 7;blue clay 39;gravel 40;hardpan.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY-cont. Charman Twp.cont.										
Con XI lot 16	W.Shore	R.Lather	Jul.29,1954	4	2	50	13	Salt		Sand 6;clay sand 57;hardpan 67;shale 75. Abandoned.
Con XI " 16	P.Kys	"	Aug. 2,1954	4						Clay 8;clay sand 43;hardpan 57;shale 70. Dry hole.
Con XI " 16	"	"	Aug. 6,1954	4						Sand 10;clay sand 55;hardpan 74;shale 130. Dry hole.
Con XI " 16	"	"	Aug.12,1954	4						Sand 10;clay 45;hardpan 60;shale 75. Dry hole.
Con XI " 16	W.Shore	Econ.Water Supply	Aug.23,1954	4						Yellow sand 3;blue clay 54;clay gravel 56;gravel sand 59; black shale. Dry hole.
Con XI " 16	"	"	Aug.30,1954	4						Yellow sand 7;blue clay 55;sand 50;soapstone. Dry hole.
Con XI " 16	"	"	Sep. 7,1954	4			56	Fresh	D	Yellow soil 14;blue clay 54;gravel 55;fine sand 56.
Con XII " 8	J.Eiving	E.R.McGaffey	Mar.24,1953	4	2 1/2		12	"	D,S	Yellow sand 3;yellow clay 12;silt 42;hardpan 56;fine gravel 57;blue shale 64.
Con XII " 14	C.Smith	"	Jun.18,1953	4						Sand 5;silt 41;hardpan 58;blue and black shale 75.Dry hole.
Con XIII " 11	A.Harvey	D.Wade	Sep.25,1954	4						Sand 15;grey clay 58;hardpan 62;black shale 75. Dry hole.
Con XIII " 11	"	"	Sep.27,1954	4						Sand 15;grey clay 57;hardpan 59;black shale 72.Dry hole.
Con XIII " 11	"	"	Sep.28,1954	4						Sand 12;grey clay 56;hardpan 60;black shale 70.Dry hole.
Con XVIII " 2	E.Caron	F.Mills	Aug.30,1953	2		12	12	Fresh	D	Top soil 4;clay 29; sand 74.
Gore Con I " 9	B.Dubeau	V.Conlon	Oct.22,1954	2	7	20	15	"	D,S	Soil 2;fine sand 5;quicksand 8;blue clay 87;black sand fine gravel 89.
Gore Con I " 13	L.Bechar	"	Feb.19,1953	2	10	20	12	"	D	Black sand yellow sand 5;quicksand 8;hard blue clay 14; soft blue clay 73;fine sand medium gravel 75.
Gore Con I " 13	P.J.Debrone	"	Mar.18,1953	2	10	20	14	"	J	Dark sand 2;yellow sand 5;quicksand 8;hard blue clay 12; soft blue clay 79;fine black sand medium sand gravel 31.
Gore Con I " 13	A.Kansel	D.Wade	May 2,1953	3	4	30	15	"	D	Dark clay 2;sand 8;grey clay 75;sand gravel 78;black shale 80.
Gore Con I " 13	A.Barlehe	"	May 21,1953	3	5	20	15	"	D	Dark clay 2;sand 8;grey clay 76;sand 80;shale.
Gore Con I " 13	A.LePoivre	"	May 23,1953	3	4	18	15	"	D	Dark clay 2;sand 7;grey clay 76;sand 78;shale 79.
Gore Con I " 13	A.Vangeesdale	F.Mills	Jul. 3,1953	2		15	15	"	D	Dark sandy soil 5;grey clay 15;grey sandy soil 80.
Gore Con I " 13	P.J.Debrone	V.Conlon	Sep. 8,1953	2	10	23	14	"	D	Top soil 3;yellow sand 5;quicksand 8;soft blue clay 60;gravel 82.
Gore Con I " 13	G.White	F.Mills	Sep.25,1953	2		18	18	"	D	Top soil sandy yellow clay 4;grey clay 20;sandy grey clay 78;hardpan.
Gore Con I " 13	E.Volchourt	"	Dec.20,1954	2		20	20	"	J	Top soil black sandy loam 10;red sandy clay 20;blue clay 30;hard blue clay 60;sandy clay 81;hardpan.
Gore Con I " 15	T.Kenny	G.McClure	Dec. 1,1953	4						Top soil 2;quicksand 5;clay 70;dirty sand 72.Abandoned.
Gore Con I " 15	"	"	Dec. 2,1953	4						Top soil 2;quicksand 5;clay 72;grey rock. Dry hole.
Gore Con I " 15	"	"	Dec. 8,1953	4	3	14	12	Fresh	D,S	Soil 2;quicksand 5;clay 70;coarse sand 72.
Gore Con I " 27	W.Batcock	D.Wade	Jun.10,1954	3 1/2	1 1/2	20	20	"	D	Sand 6;grey clay 57;black shale 75.
Gore Con I " 27	W.Peters	"	Oct.23,1954	3 1/2	13	14	14	"	D	Sand 15;grey clay 55;sand 57;grey shale 62;brown shale 72.
Gore Con I " 28	C.Morrison	"	Feb.23,1954	3 1/2	10	21	19	"	D	Clay 2;sand 10;grey clay 57;sand 59;shale 62.
Gore Con II " 3	J.Crawford	V.Conlon	Feb.10,1953	3 1/2	11	15	10	"	D,S	Black sand clay 3;yellow clay 5;hard blue clay 12;soft blue clay 104;fine sand coarse gravel 105.
Gore Con II " 11	C.Youngs	"	Aug.28,1953	2	8	22	14	"	D	Top soil 3;yellow sand 6;quicksand 8;soft blue clay 92; fine black sand 94;gravel.
Gore Con I " 12	J.T.Thompson	G.McClure	Jun. 5,1954	4	7	16	10	"	D	Black muck 2;quicksand 10;blue clay 68;sandstone 81.
Gore Con II " 18	A.Booth	D.Wade	Jan. 6,1953	3 1/2	4	76	12	"	D,S	Clay 1;sand 12;quicksand 15;grey sand 70;gravel sand 74;black shale 76.
Gore Con II " 24	J.Armstrong	"	Apr.20,1953	4						Dark clay 2;sand 8;blue clay 16;grey clay 65;hardpan 72;black shale 76. Dry hole.
Gore Con II " 25	"	"	Apr.16,1953	4						Dark clay 2;sand 8;dark clay 55;blue clay 65;hardpan 70;black shale 80. Dry hole.
Gore Con II " 25	"	"	Apr.18,1953	4						Dark clay 2;sand 8;blue clay 16;grey clay 65;black shale 71. Dry hole.
Gore Con II " 25	"	"	Apr.21,1953	4						Dark clay 2;sand 8;blue clay 16;grey clay 65;hardpan 72.Dry hole.
Gore Con II " 25	"	"	Apr.25,1953	4	1 1/2	70	12	Fresh	D	Dark clay 4;sand 6;grey clay 60;sand 63;black shale 70.

KENT COUNTY-cont.

Chatham Twp.cont.

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Marshall Twp. Cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY-cont.										
Dover Twp.-cont.										
ED Con I lot 21	E. Smith	Econ. Water Supply	Jun. 18, 1953	4	3		37	Fresh		Black topsoil 4; sand hardpan 18; blue clay 36; blue clay pebbles 63; gravel 64; rock.
ED Con II " 7	R. Couture	L. Faubert	Mar. 29, 1953	3						Clay 29; sand 53; gravel 80. Dry hole.
ED Con II " 7	"	"	Apr. 1, 1953	3						Clay 30; sand 60; gravel 66. Dry hole.
ED Con II " 7	"	"	Apr. 6, 1953	3	4	12	12	"		Clay 27; sand 53; gravel 75.
ED Con II " 9	G. King	O. L'Ecuyer & Son	Dec. 15, 1953	4	3	15	10	"		Hard red clay 10; soft blue clay 40; hardpan 70; soft black shale 72.
ED Con II " 9	E. King	"	Oct. 5, 1954	3	3	24	15	"		Red sand 10; blue clay 53; hardpan 64; gravel 66.
ED Con II " 12	R. Parry	L. Faubert	Jan. 22, 1953	4						Clay 10; sand 50; sand gravel 55; sand 66. Dry hole.
ED Con II " 12	"	"	Feb. 2, 1953	4						Clay 10; sand 50; sand gravel 56; sand 72. Dry hole.
ED Con II " 12	"	"	Feb. 10, 1953	4	2	45	30	Fresh		Clay 10; sand 43; gravel sand 56; sand fine gravel 72; shale 82.
ED Con II " 24	E. Prada	Econ. Water Supply	May 27, 1954	3 1/2	4		14	"		Yellow sand 15; clay 58; sand gravel 63; shale 64.
ED Con III " 12	R. Saron	O. L'Ecuyer & Son	May 20, 1953	3	4	21	14	"		Clay sand 2; clay 14; sand 13; clay 42; sand clay 45; clay little gravel 69; sand gravel 71; coarse gravel 72.
ED Con III " 12	Sep. School	"	Apr. 15, 1953	4	6	35	18	"		Hard clay 10; soft blue clay 55; hardpan 30; black shale 84.
ED Con III " 12	School	"	Apr. 30, 1953	4	6	35	18	"		Hard clay 10; soft blue clay 55; hardpan 30; black shale 88.
ED Con III " 12	E. Bechourd	"	Jun. 1, 1954	4	5	25	21	"		Red sand clay 18; soft blue clay 50; hardpan 65; sand gravel 68.
ED Con III " 12	L. Faubert	L. Faubert	Jul. 16, 1954	4						Grey clay 12; quicksand 14; grey clay 45; clay stones 62; fine sand 64; black shale 68. Dry hole.
ED Con III " 12	"	"	Jul. 19, 1954	4						Grey clay 12; quicksand 14; grey clay 45; clay stones 62; coarse gravel 64; black shale 70. Dry hole.
ED Con III " 12	"	"	Sep. 21, 1954	4						Clay 45; sand 62; gravel 65; shale 71. Dry hole.
ED Con III " 12	"	"	Sep. 23, 1954	4						Clay 45; sand 63; gravel 64; shale 70. Dry hole.
ED Con III " 12	"	"	Sep. 25, 1954	4						Clay 44; sand 64; gravel 65; shale 72. Dry hole.
ED Con III " 12	"	"	Oct. 8, 1954	4						Clay 46; sand 64; gravel 65; shale 72. Dry hole.
ED Con III " 13	J. King	O. L'Ecuyer & Son	May 2, 1954	4	5	25	21	Fresh		Hard clay red sand 10; soft blue clay 50; hardpan 65; sand gravel 68.
ED Con III " 13	F. King	L. Faubert	May 8, 1954	3						Grey clay 25; sand 28; grey clay 60; heaving sand 70. Dry hole.
ED Con III " 13	"	"	May 12, 1954	3						Grey clay 26; fine sand 28; grey clay 60; heaving sand 71. Dry hole.
ED Con III " 13	"	"	May 18, 1954	3						Grey clay 25; fine sand 27; grey clay 58; heaving sand 68. Dry hole.
ED Con III " 13	"	"	May 24, 1954	3						Grey clay 29; fine sand 30; grey clay 60; mixed sand 73. Dry hole.
ED Con III " 13	"	"	Jun. 1, 1954	3	5	20 1/2	20	Fresh		Grey clay 25; fine sand 27; grey clay 60; mixed sand 63; gravel 70.
ED Con III " 13	L. Faubert	"	Sep. 27, 1954	4						Clay 45; sand 63; gravel 64; shale 70. Dry hole.
ED Con III " 13	"	"	Sep. 30, 1954	4						Clay 42; sand 63; gravel 65; shale 69. Dry hole.
ED Con III " 13	"	"	Oct. 6, 1954	4						Clay 44; sand 63; gravel 64; shale 70. Dry hole.
ED Con III " 13	H. Maure	"	Oct. 20, 1954	3						Clay 21; sand 24; clay 52; quicksand 59; coarse sand 70; gravel sand 80.
ED Con III " 13	"	"	Oct. 23, 1954	3	2 1/2	23	17	Fresh		Clay 22; sand 26; clay 53; quicksand 60; coarse sand 71; gravel 74.
ED Con III " 13	Pinsonneault	"	Dec. 13, 1954	3						Clay 23; sand 26; white clay 57; heaving sand 80. Dry hole.
ED Con III " 13	"	"	Dec. 27, 1954	3	3	28	17	"		Clay 23; sand 26; white clay 57; heaving sand 80; soapstone 85.
ED Con III " 18	D. H. Beehard	"	May 2, 1953	3						Clay 16; sand 29; clay 51; sand gravel 69; gravel 71. Dry hole.
ED Con III " 18	"	"	May 4, 1953	3	2 1/2	22	16	"		Clay 16; sand 30; clay 53; sand gravel 70; gravel 72.
ED Con III " 18	"	"	Aug. 24, 1954	3						Clay 16; sand 29; clay 64; sand 71; shale 73. Dry hole.
ED Con III " 18	"	"	Aug. 26, 1954	3						Clay 15; sand 21; clay 66; sand 71; shale 75. Dry hole.
ED Con III " 18	"	"	Aug. 30, 1954	3	1 1/2	30	17	"		Clay 15; sand 20; clay 65; sand 72; shale 75.
ED Con III " 19	R. Beechard	"	Oct. 23, 1954	3	3	26	16	"		Clay 16; sand 20; clay 48; sand 61; gravel 62.
ED Con III " 24	L. Merritt	O. L'Ecuyer & Son	Mar. 7, 1953	3						Clay 18; sand 20; clay 50; sand gravel 59; coarse gravel 62; gravel sand 66; sand 66 1/2; hard black rock 68. Dry hole.
ED Con III " 24	"	"	Mar. 27, 1953	3	3	70	15	"		Clay 17; sand 19; clay 48; gravel sand 54; clay some gravel 63; sand gravel 66; sand 66 1/2; rock 70.
ED Con III " 24	W. Shivers	"	Jul. 29, 1953	3	3	35	15	"		Sandy loam 3; clay 15; sand 18; clay 48; clay sand gravel 63; medium sand 63 1/2; sandy shale 64; soft black shale 63.
ED Con III " 24	P. Sironen	"	Aug. 17, 1953	3						Clay 16; sand 19; clay pebbles 51; sand gravel 58; clay little gravel 66; sand gravel 68; gravel 69; black rock 71. Dry hole.

KENT COUNTY-cont.

Dover Twp.cont.

ED Con III lot 24	P. Sironen	O.L'Ecuier & Son	Aug. 27, 1953	3	3	32	14	Fresh	D	Clay 17; sand 19; clay 50; gravel sand 55; clay 64; sand gravel 67; gravel 68; loose black shale 70.
ED Con III " 24	C. Rivard	"	Sep. 5, 1953	3	3	28	15	"	D	Clay 16; sand 19; clay few pebbles 50; sand gravel 57; clay little gravel 67; sand 68; gravel 69; soft black rock 70.
ED Con III " 24	T. Harris	Tyhurst & Smith	Jul. 15, 1954	3½	2	25	15	"	D	Top soil 2; sand 10; quicksand 15; blue clay 45; hardpan 54; fine sand 60; sand gravel 65; gravel 67; shale.
ED Con IV " 2	H. Duphette	L. Paubert	Jun. 28, 1954	3½						Grey clay 18; quicksand 20; grey clay 51; fine sand 65; sand fine gravel 75. Dry hole.
ED Con IV " 6	P. Jubenville	"	Mar. 2, 1953	3						Clay 21; sand 37; clay 58; sand gravel 69; gravel 71; sand gravel 75. Dry hole.
ED Con IV " 6	"	"	Mar. 12, 1953	3	5	8	8	Fresh	D	Clay 21; sand 38; clay 56; sand gravel 72; gravel 74.
ED Con IV " 17	G. Hrudka	"	Sep. 15, 1954	4	3	30	12	"	D	Clay 23; sand 26; clay 63; sand 70; shale 73.
ED Con V " 3	Pinsonneault	"	Jul. 10, 1953	3						Black sand 5; clay 23; sand 42; blue clay 58; sand 65; sand gravel 70. Dry hole.
ED Con V " 3	"	"	Jul. 16, 1953	3						Black sand 5; clay 29; sand 41; blue clay 59; sand 70; sand gravel 71; soapstone 80; gravel 83. Dry hole.
ED Con V " 3	"	"	Aug. 10, 1953	3						Black sand 6; clay 32; sand 48; blue clay 55; sand 69; sand gravel 72; soapstone 79; gravel 80; brown shale 92. Dry hole.
ED Con V " 4	L. Jubenville	"	Feb. 22, 1953	3			4	Fresh	D	Clay 28; sand 52; clay gravel 61; sand gravel 68; gravel 75. Gas encountered.
ED Con V " 4	R. Van Praet	"	Apr. 19, 1954	6	10	16	8	"	D, S	Grey clay 30; sand 33; grey clay 65; sand gravel 69.
ED Con V " 4	L. Jubenville	"	Apr. 24, 1954	4	3	15	8	"	D	Grey clay 28; sand 30; grey clay 64; sand 68; gravel sand 70.
ED Con V " 6	Pinsonneault	L. Paubert	Mar. 17, 1953	3	2	12	5½	"	D	Clay 22; sand 50; clay 57; clay gravel 60; sand 65; gravel 67.
ED Con V " 6	"	"	Sep. 2, 1953	3						Black sand 2; clay 59; sand 69. Abandoned.
ED Con V " 6	"	"	Sep. 4, 1953	3						Black sand 2; clay 59; sand 68; shale 70. Abandoned.
ED Con V " 6	"	"	Sep. 3, 1953	3				Fresh		Black sand 3; clay 60; sand 69; shale 72. Abandoned.
ED Con V " 6	"	"	Sep. 15, 1953	3						Black sand 3; clay 57; sand 69; shale 70. Abandoned.
ED Con V " 6	"	"	Sep. 22, 1953	3						Black sand 2; blue clay 59; fine sand 67. Abandoned.
ED Con V " 6	"	"	Sep. 23, 1953	3	3	26	6	"	D, S	Black sand 3; blue clay 60; fine sand 64; sand gravel 71; shale 78.
ED Con V " 9	H. Couture	"	May 7, 1953	3						Clay 10; sand 27; clay 52; sand 64; sand gravel 78. Dry hole.
ED Con V " 9	"	"	May 19, 1953	3						Clay 12; sand 26; clay 53; sand 63; sand gravel 73. Dry hole.
ED Con V " 9	"	"	May 23, 1953	3						Clay 10; sand 32; clay 50; sand 65; sand gravel 67; sand 75. Dry hole.
ED Con V " 9	"	"	Jun. 2, 1953	3	1	40	10	Fresh	D	Clay 10; sand 30; clay 52; sand 65; sand gravel 69; gravel 72; sand gravel 74½.
ED Con V " 10	Pinsonneault	"	Jun. 10, 1953	3	1½	22	9	"	D	Clay 11; sand 18; clay 39; sand 51; blue clay 60; sand gravel 62; gravel 63; sand 77; shale 78.
ED Con V " 10	"	"	Jan. 14, 1954	3						Grey clay 23; sand 26; grey clay 60; sand gravel 69. Dry hole.
ED Con V " 10	"	"	Apr. 5, 1954	3	2½	40	12	Fresh	D	Grey clay 23; sand 25; blue clay 61; sand gravel 63; gravel 75.
ED Con V " 12	"	"	Jun. 12, 1953	3						Clay 9; sand 12; clay 49; sand 57; sand gravel 60; gravel 75. Dry hole.
ED Con V " 12	"	"	Jun. 13, 1953	3						Clay 9; sand 12; clay 50; sand 57; sand gravel 61; gravel 72. Dry hole.
ED Con V " 12	"	"	Jun. 15, 1953	3						Clay 9; sand 13; clay 47; sand 59; sand gravel 63; gravel 70. Dry hole.
ED Con V " 12	"	"	Jun. 17, 1953	3						Clay 10; sand 13; clay 50; sand 60; sand gravel 61; gravel 73. Dry hole.
ED Con V " 12	"	"	Jun. 18, 1953	3						Clay 11; sand 15; clay 53; sand 55; sand gravel 57; gravel 70. Dry hole.
ED Con V " 12	"	"	Jun. 19, 1953	3						Clay 10; sand 15; clay 51; sand 57; sand gravel 60; gravel 70. Dry hole.
ED Con V " 12	"	"	Jun. 19, 1953	3						Clay 10; sand 16; clay 52; sand 60; gravel 69. Dry hole.
ED Con V " 12	"	"	Jun. 20, 1953	3	3	10	10	Fresh	D	Clay 10; sand 16; clay 51; sand 56; gravel 60.
ED Con V " 12	"	"	Nov. 6, 1953	3						Clay 10; sand 17; clay 51; sand 56; gravel 61. Dry hole.
ED Con V " 12	"	"	Nov. 7, 1953	3						Clay 10; sand 17; clay 51; sand 57; gravel 62. Dry hole.
ED Con V " 12	"	"	Nov. 10, 1953	3						Clay 11; sand 20; clay 53; sand 59; gravel 60. Dry hole.
ED Con V " 12	"	"	Nov. 12, 1953	3						Clay 12; sand 19; clay 50; sand 58; sand gravel 63. Dry hole.
ED Con V " 12	"	"	Nov. 14, 1953	3						Clay 11; sand 21; clay 53; sand 58; sand gravel 61. Dry hole.
ED Con V " 12	"	"	Nov. 20, 1953	3						Clay 12; sand 20; clay 51; sand 57; sand gravel 60. Dry hole.
ED Con V " 12	"	"	Nov. 25, 1953	3						Clay 12; sand 21; clay 50; sand 58; sand gravel 60. Dry hole.
ED Con V " 12	"	"	Jun. 10, 1954	3			7			Grey clay 23; fine sand 26; grey clay 57; gravel sand 65. Abandoned due to gas.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY-cont. Dover Twp.cont.										
ED Con V lot 12	Pinsoneault	L.Paubert	Jul.25,1954	3						Clay 20;sand 25;clay 55;sand gravel 65.Dry hole.
ED Con V " 12	" W.	"	Aug.15,1954	3	10	15	7	Fresh	D	Clay 20;sand 24;clay 66;sand gravel 65.
ED Con VII " 9	H.H.Martin	"	Nov. 2,1953	3						Clay 13;sand 37;clay 59;sand gravel 65.Dry hole.
ED Con VII " 9	"	"	Nov. 5,1953	3						Clay 13;sand 35;clay 60;sand gravel 65.Dry hole.
ED Con VIII " 2	P.Charron	"	Jul. 6,1953	3						Sand 5;clay 21;sand 36;blue clay 52;sand gravel 60;gravel 61;sand 78;sand gravel 83;hardpan 84;sand 85.Dry hole.
ED Con VIII " 9	L.Poisant	"	Oct. 4,1953	3						Clay 10;sand 22;clay 57;sand 61;fine gravel 64.Dry hole.
ED Con VIII " 9	"	"	Oct. 6,1953	3						Clay 10;sand 23;clay 59;sand 60;gravel 62.Dry hole.
ED Con VIII " 9	"	"	Oct.10,1953	3						Clay 11;sand 23;clay 63;sand gravel 67.Dry hole.
ED Con VIII " 9	"	"	Oct.15,1953	3						Clay 9;sand 20;clay 63;sand 67;shale 68.Dry hole.
ED Con VIII " 9	"	"	Oct.17,1953	3						Clay 11;sand 24;clay 56;sand gravel 61.Dry hole.
ED Con VIII " 9	"	"	Oct.20,1953	3						Clay 11;sand 21;clay 56;sand gravel 60.Dry hole.
ED Con VIII " 9	"	"	Oct.23,1953	3						Clay 12;sand 21;clay 59;coarse gravel 63.Dry hole.
ED Con VIII " 9	"	"	Oct.26,1953	3						Clay 10;sand 23;clay 57;fine gravel 64.Dry hole.
ED Con VIII " 9	"	"	Oct.27,1953	3	5	9	3	Fresh	D	Clay 11;sand 22;clay 53;coarse gravel 63;shale 64.
ED Con VIII " 13	R.L'Ecuyer	O.L'Ecuyer & Son	Feb.26,1954	3	3	30	10	"	C	red sand clay 9;soft blue clay 53;hardpan 69;loose black shale 70
ED Con IX " 6	J.E.Perreault	L.Paubert	Apr.28,1954	4	4	7	7	"	D,S	Grey clay 5;sand 8;grey clay 40;sand 51;grey clay 62;sand 66;gravel 68.
ED Con IX " 11	H.Cartier	"	May 3,1954	3	3	8	8	"	D,S	Grey clay 21;sand 20;grey clay 60;sand gravel 68.
ED Con IX " 12	"	"	Nov. 6,1954	3	3	22	8	"	D	Clay 21;sand 29;clay 60;sand gravel 65.
ED Con X " 10	H.Myers	O.L'Ecuyer & Son	Aug.25,1954	3	7	12	10	"	D,S	red sand 10;soft blue clay 65;hardpan 68;gravel 70.
ED Con XI " 8	H.Joubert	L.Paubert	Aug.18,1953	3						Clay 2;sand 59;sand gravel 65;shale 69.Dry hole.
ED Con XI " 8	"	"	Aug.20,1953	3						Clay 2;sand 59;sand gravel 64;shale 67.Dry hole.
ED Con XI " 8	"	"	Aug.24,1953	3						Clay 3;sand 60;sand gravel 64;shale 65.Dry hole.
ED Con XI " 8	"	"	Aug.25,1953	3	3	16	8	Fresh	D	Clay 3;sand 57;sand gravel 66;gravel 67;shale.
ED Con XII " 20	O.Parrish	O.L'Ecuyer & Son	Nov.15,1953	3 1/2	2 1/2	25	8	"	D	hard clay red sand 10;soft blue clay 60;hardpan 70;black shale 72
WD Con I " 1	P.Merritt	S.H.Smith	Apr.24,1953	3	3	15	10	"	D	Top soil 3;yellow clay 16;blue clay 65;gravel 67.
WD Con III " 3	V.Duphette	G.Rice	Sep.16,1953	3						Top soil 2;yellow mud 14;quicksand 20;blue mud 48;quicksand 61;sand gravel 60.Dry hole.
Erie Beach	M.Hall	O.L'Ecuyer & Son	Aug.17,1953	3 1/2	4	22	12	Fresh	D	Top soil 3;hard yellow clay 108;hardpan 112;shale rock 118.
Erie Beach	L.English	H.M.Mairs	May 8,1954	3	6	18	18	"	D	Loam 2;brown clay small stones 85;fine sand 100;sand gravel 114;coarse gravel.
Harwich Twp.										
CRE Con I lot 8	Malarys Ltd.	C.Warren	Jun.10,1953	4	8	115	97	Fresh	In	Clay 149;gravel black sand 163;black slate 169.
CRE Con II " 14	J.Kuban	Econ.Water Supply	Apr.16,1954	3 1/2						Boulders yellow soil 3;blue clay stones 115;quicksand 126;gravel clay 138;rock 177;soapstone. Dry hole.
CRE Con II " 14	"	"	Apr.23,1954	3 1/2						Boulders yellow clay 3;blue clay stones 116;quicksand.Dry hole.
CRE Con II " 14	"	"	Sep.23,1954	3 1/2						Yellow clay 4;blue clay 117;gravel 118;quicksand 125.Dry hole.
CRW Con II " 10	R.Nudds	C.Warren	Feb.23,1953	4						Loam sand gravel 14;clay 191;sand 197;gravel clay 199;slate 227;soapstone 236. Dry hole.
CRW Con II " 11	J.Tarris	"	Aug.10,1954	4	3		106	Fresh	D	Clay 150;gravel 155;shaly slate 162;blue shale 165;slate 180.
CRW Con II " 19	J.Vallmer	O.L'Ecuyer & Son	Feb. 2,1953	3						Clay 80;gravel clay 84;clay 123;medium gravel 130.Dry hole.
CRW Con II " 19	"	"	Feb.22,1953	3						Clay 82;gravel clay 83;clay 124;gravel 126;clay 130. Dry hole.
CRW Con III " D	W.Thompson	C.Warren	Jul. 1,1954	4	1		18	"	D	Clay 104;gravel 113;slate 133.
CRW Con IV " 2	G.E.Perritt	G.E.Perritt	Aug.11,1954	3	2	21	15	"	D	Blue clay 90;hardpan sand 104;snaile.
CRW Con IV " 22	J.Knott	G.Rice	Apr.10,1953	3	3	35	25	"	D	Yellow clay 18;hard blue clay 87;soft blue mud;121;sand 127;brown shale.
CRW Con IV WGL 5	D.Goodison	C.Warren	May 25,1954	4						Clay 99;gravel 111;slate 152;soapstone 153.Dry hole.
CRW Con IV WGL 11	D.McGuigan	C.Laramie	May 20,1954	8	1 1/2	175	85	Mineral	Ir	Clay 4;clean sand 5;soft blue clay 165;red clay 175;black shale 186;soapstone 187.

KENT COUNTY-cont.

Harwick Twp. cont.									
LEP Con II lot 20	Glendenning	C. Warren	Sen. 3, 1954	4	1 1/2	65	Salt	D, S	Clay 130; gravel 139; slate 200.
LEP Con III " 24	P. Duck	"	Apr. 30, 1953	4					Clay 114; sand gravel 121; clay sand gravel 147; black shale 170; slate 189.
LEP Con VII " 17	G. Campbell	H.M. Mairs	Nov. 4, 1953	4					Gravel loam 2; coarse gravel 10; brown clay some stone 131; fine hard sand 137; fine sand 146; sand 172; soapstone 199; black shale 224. Abandoned.
LEP Con VII " 17	"	"	Nov. 20, 1953	4	5	120	120	Fresh	D, S
LEP Con VII " 21	H. English	"	Jul. 29, 1953	4	5	96	96	"	D, S
LEP Con IX " 19	Wielhouwer	Econ. Water Supply	May 27, 1954	4	1	111	51	Fresh	J
LEP Con X " 15	B. Slavik	"	Jun. 16, 1954	4	1 1/2	54	39	"	D, S
LEP Con XI " 22	A. Spence	D. Wade	Apr. 6, 1953	3					Gravel 10; brown clay pebbles 143; fine sand 162; hard gravel 177; sand 184; fine gravel 193; blue shale 202.
LEP Con XI " 22	"	"	Apr. 11, 1953	3					Loam 2; gravel stones 10; brown clay stones 125; hard dark gravel 132; soft putty clay 161; gravel 166; hard fine gravel 170; black shale 182; rock black shale 200.
LEP Con XI " 22	"	"	Apr. 15, 1953	3	4	12	12	Fresh	D, S
LEP Con XII " 13	J. Campbell	H.M. Mairs	Nov. 27, 1954	4	7	10	10	"	D, S
LEP Con XIII " 22	H. Smith	A.E. Zimmer	Jun. 30, 1954	4				"	D, S
LEP Con XIII " 22	"	"	Jul. 6, 1954	4	2	24	11	"	D, S
TRS Con I " 24	J. Libbreth	H.M. Mairs	May 15, 1953	4	3	23	23	"	J
TRS Con II " 7	G. Ackert	E.R. McGaffey	Apr. 7, 1953	3	1 1/2			"	J
TRS Con II " 7	W. Pinlay	"	Apr. 9, 1953	4	8		15	"	J
TRS Con II " 7	J.H. Alleby	"	Apr. 10, 1953	4	8		15	"	J
TRS Con II " 11	H. Smith	S. Zimmer	Oct. 15, 1953	3 1/2	2 1/2	41	33	"	D
TRS Con II " 17	G. Schoupp	H.M. Mairs	May 5, 1953	4	4	9	9	"	D, S
TRS Con III " 6	D. Kitchen	O.L. Ecuier & Son	Jan. 30, 1954	3	3	80	15	"	D
TRS Con III " 6	G. Hodges	"	Feb. 26, 1954	3 1/2	3	15	14	"	D
TRS Con III " 6	R. Nunn	G. Rice	Jun. 25, 1954	4				"	D
TRS Con III " 6	"	"	Jul. 1, 1954	4				"	D
TRS Con III " 6	"	"	Jul. 1, 1954	4				"	D
TRS Con III " 6	"	"	Jul. 1, 1954	4				"	D
TRS Con III " 6	G. Hodges	Econ. Water Supply	Nov. 1, 1954	3 1/2	3		14	Fresh	D
TRS Con III " 6	"	"	Nov. 7, 1954	3 1/2				"	D
TRS Con III " 13	V.B. Crowden	H.M. Mairs	Jul. 17, 1953	4	5	20	15	Fresh	D
TRS Con III " 14	S. Gillier	A.E. Zimmer	Oct. 2, 1953	4	3	25	12	"	D
TRS Con IV " 7	S. Schanahorn	H.M. Mairs	Apr. 23, 1953	4	5	12	12	"	D
TRS Con IV " 16	O. Zimmer	"	Oct. 30, 1954	4	5	12	12	"	D, S
TRS Con IV " 24	J. Campbell	A.E. Zimmer	Jan. 24, 1954	4	2	25	17	"	D, S
TRS Con VI " 8	S. Hall	C. Warren	Nov. 12, 1953	4	5	13	12	"	D, S
TRS WB Con I " 3	Lenover Community Abattoir	O.L. Ecuier & Son	Aug. 10, 1954	6	12 1/2	18	16	"	In
TRS WB Con II " 3	A. Smith	H.M. Mairs	Jul. 19, 1954	4	3	16	14	"	D
TRS WB Con II " 3	J. Nachat	"	Aug. 8, 1953	4	5	15	15	"	D
TRS WB Con II " 3	W. Green	"	Aug. 15, 1953	4	5	14	14	"	D
TRS WB Con II " 3	K. Stewart	C. Warren	Mar. 14, 1953	4	4	21	19	"	D
TRS WB Con II " 4	O. Bishop	H.M. Mairs	Aug. 21, 1953	4	6	17	17	"	D
									Clay 25; gravel 53; clay gravel 68; blue shale 70.
									Hard clay 10; soft blue clay 25; hardpan 60; loose shale 62.
									Fill 3; loam 6; sand clay mixed 20; fine sand 50; gravel 58.
									Sandy loam 2; gravel clay 59; gravel 61.
									Sandy loam 2; gravelly clay stones 59; gravel 60.
									Soft clay 50; sand gravel 59.
									Sandy top soil 2; yellow sand 20; brown clay stones 40; sand 50; gravel 60.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY-cont. Harwich Twp.cont. TRS WB Con II lot 4	J.Symers	H.M.Mairs	Sep.22,1954	3½	5	20	20	Fresh	D	Loam 4;yellow sand 10;brown clay stones 25;fine gravel 30;gravel clay 50;coarse gravel 56;gravel 58;fine gravel 72.Sand 3;blue clay 66;quicksand 70.Abandoned.
TRS WB Con II " 5	G.England	C.Warren	Oct.24,1953	4						Sand 8;blue clay 66;quicksand 73.Abandoned.
TRS WB Con II " 5	"	"	Oct.27,1953	4						Sand 8;blue clay 66;quicksand 73.Abandoned.
TRS WB Con II " 5	"	"	Oct.30,1953	4						Sand 8;blue clay 66;quicksand 73.Abandoned.
TRS WB Con II " 5	G.Want	O.L'Ecuyer & Son	Sep.10,1954	4						Hard clay red sand 15;soft blue clay 30;hardpan 70;black shale 35. Dry hole.
TRS WB Con II " 5	G.England	"	Nov.19,1954	4	½	40	16	Fresh	D	Hard clay red sand 10;soft blue clay 27;clay sand 40;hardpan 60;fine sand gravel 62.
TRS WB Con III" 1	G.Want	A.E.Zimmer	Apr. 1,1953	3½			17	Mineral		Yellow sand 9;blue sand gravel 50;gravel hardpan 60;blue shale 67;black slate 77.Abandoned.
TRS WB Con III" 1	"	"	Apr.29,1954	3½						Yellow sand 9;blue sand gravel 50;gravel hardpan 60;blue shale 67;black slate 77.Dry hole.
TRS WB Con III" 1	A.Kwrecka	Econ.Water Supply	May 12,1953	3½	3		15	Fresh	D	Clay 53;sand 60;gravel clay 67;gravel 68.
TRS WB Con III" 1	E.Glunis	A.E.Zimmer	Jul. 1,1953	3½	5	31	17	"	D	Clay 2;yellow sand 9;blue clay 32;blue sand 42;hardpan 46;sand gravel 57.
TRS WB Con III" 1	J.Pigeon	O.L'Ecuyer & Son	Jul. 1,1953	4	2	50	20	"	D	Top soil 3;black clay 10;soft blue clay 20;hardpan 58;gravel 60.
TRS WB Con III" 1	W.Want	"	Jul.14,1953	4	3	30	19	"	D	Top soil 3;black clay 10;soft blue clay 20;hardpan 58;gravel 60.
TRS WB Con III" 1	Huron Const.	"	Aug.10,1953	3½	1½	45	18	"	D	Top soil 10;soft blue clay 20;hardpan 58;gravel 60;hardpan 70;shale 74.
TRS WB Con III" 1	"	"	Aug.17,1953	3½	1½	48	18	"	D	Top soil 3;black clay 10;hardpan 20;hardpan gravel 60;hardpan 70;shale 74.
TRS WB Con III" 1	W.Want	"	Aug.26,1953	4	3	28	13	"	D	Top soil 3;black clay 10;soft blue clay 20;hardpan 55;gravel 60.
TRS WB Con III" 1	Huron Const.	"	Aug.31,1953	3½	1½	50	18	"	D	Top soil 3;black clay 10;soft blue clay 20;hardpan 58;gravel 60;hardpan 70;shale 80.
TRS WB Con III" 1	"	"	Sep.12,1953	3½	1½	50	18	"	D	Top soil 1;black clay 10;soft blue clay 20;hardpan 58;gravel 60;hardpan 70;shale 74.
TRS WB Con III" 1	W.Owen	H.M.Mairs	Sep.23,1953	4	5	22	19	"	D	Top soil 3;yellow sand 20;soft putty clay 64;coarse gravel 67.
TRS WB Con III" 1	Huron Const.	O.L'Ecuyer & Son	Oct. 7,1953	3½	3	25	18	"	D	Top soil 3;hard clay 10;soft blue clay 20;hardpan 59;gravel 60.
TRS WB Con III" 1	W.Wilson	G.McClure	Oct.18,1954	3½	2	30	23	"	D	Clay 2;blue clay 56;fine sand 58.
TRS WB Con III" 1	S.G.Love	"	Oct.25,1954	3½	2	30	24	"	D	Clay 2;blue clay 55;fine sand 58.
TRS WB Con III" 2	L.Kerr	D.Wade	Feb.20,1953	4	½	90	17	"	D	Sand 6;blue clay 12;grey clay 75;sand 81;black shale 90.Abandoned.
TRS WB Con III" 2	"	"	Mar. 3,1953	4	½	90	17	"	"	Sand 6;dark clay 12;grey clay 75;sand 80;shale 90.Abandoned.
TRS WB Con III" 2	"	"	Mar.16,1953	4				"	"	Sand 10;clay 40;hard clay 50;clay 74;sand 76;grey limestone 81;dark shale 101. Dry hole.
TRS WB Con III" 2	"	"	Mar.24,1953	4	3		17	"	D,S	Sand 2;quicksand 7;clay 43;gravel 43;clay 72;grey shale 78;black shale 88.
TRS WB Con III" 5	W.Morningstar	H.M.Mairs	Sep.14,1953	4	5	17	17	"	D	Loam 2;brown clay stone 46;fine sand 66;gravel 71.
TRS WB Con IV " 1	B.Lanes	C.Warren	Oct.10,1953	4	1		32	"	D	Clay 6;sand gravel 70;slate 86;blue shale 88;grey limest.90.
TRS WB Con IV " 3	D.Redford	Econ.Water Supply	Nov.12,1954	4	5	40	14	"	D	Clay 21;clay stone 55;quicksand 56;gravel sand 57.
TRS WB Con IV " 5	E.Lewis	C.Warren	May 29,1954	3½	2½	55	16	"	D	Clay 52;sand 58;soft clay 66;gravel 69;slate 70.
TRS WB Con V " 1	H.Doyle	G.Rice	Jun. 7,1954	4	½	20	12	"	D	Yellow sand 9;blue clay 64;coarse sand 71.
TRS WB Con V " 2	L.Kerr	C.Warren	Jul. 3,1953	4				"	"	Clay 71;sand gravel 75;clay gravel 85.Abandoned,too much sand.
TR "19	J.Spence	D.Wade	Mar.17,1954	3	5	21	19	Fresh	D	Sand 19;clay 70;sand gravel hardpan 92.
Howard Twp. Con I lot 14	J.Lamers	R.McGaffey	Feb.10,1954	3½	3	25	20	Fresh	D,In	Sandy top soil 9;blue clay 58;hardpan 63½;gravel 64.
Con II " 8	H.Stewart	R.Lather	May 3,1954	4	7	25	14	"	D,S	Clay 6;fine sand clay 35;fine sand 62;coarse sand 64;black shale 65.
Con III " 16	J.Dick	R.McGaffey	Jun. 7,1954	4	1	25	23	"	D,S	Sand 10;soft blue clay 35;hard clay 58;hardpan 89;gravel 89½.



KENT COUNTY-cont.

Howard Twp.cont.

Con V	lot 6	M. Resume	Econ. Water Supply	Jun. 30, 1954	3½	4	25	14	Fresh	D,S	Yellow sand 11; clay 76; quicksand 77; sand gravel 79.
Con V	" 9	S.J. Sakratt	A.E. Zimmer	Sep. 10, 1953	3½	3	20	12	"	D,S	Sandy soil 10; clay 70; sand 92; quicksand 124; hardpan 130; rock 131.
Con IX	" 11	N. Sadowski	R.A. Campbell	May 28, 1953	3	5		56	"	D	Sandy loam 5; blue clay 120; sandy mixtures 136; hardpan 139; gravel.
Con X	" 7	Pub. Util. Comm.	"	Jul. 24, 1954	3½	4	100	62	"	T	Gravel 4; blue clay pebbles 80; layers of sand clay 104; hardpan 157; gravel 163.
Con XII	" 8	J. MacDiarmid	"	Jan. 10, 1953	4						Red clay gravel 12; blue clay 122; sand and clay mixed 209; gravel 220; grey shale 245. Dry hole.
P.C.	" 2	D. Gillier	A.E. Zimmer	Jan. 19, 1954	4	2	30	17	"	D,S	Sandy soil 10; blue clay 20; gravel clay 42; gravel 45.
TRN	" 92	W. Hall	C. Warren	Oct. 12, 1954	4	2½		39	"	D	Clay 170; sand gravel 179; slate 182.
TRS	" 93	J. McDonald	"	Jun. 21, 1954	4				"		Clay 159; sand gravel clay 164; soapstone 176. Dry hole.
TRS	" 93	"	"	Sep. 23, 1954	4	1		65	"	D,S	Clay 154; sand gravel 167; slate 189.
TRS	" 93	"	"	Dec. 6, 1954	4	4	50	47	"	D,S	Clay 151; sand gravel 153; slate 154.
TRS	" 94	J. Travnik	"	May 14, 1953	4	3	80	67	"	D,S	Clay 146; gravel 153; clay 160; black sand 167; soapstone 170.
TRS	" 96	J. Myslik	J.P. Myslik	Jul. 14, 1954	3						Clay loam 1; brown clay 12; grey clay pebbles 116; grey clay 121; hardpan 124. Dry hole.
TRS	" 96	J. Myslik	"	Aug. 28, 1954	3	3	155	65	Fresh	D,S	Clay loam 1; brown clay 12; grey clay pebbles 116; soft pink clay 122; hardpan 131; gravel 135; soft grey clay 146; sand gravel 160; soapstone 177; grey stone 178.
TRS	" 96	J. Myslik	"	Sep. 25, 1954	3	10	65	65	"	D,S	Clay loam 1; brown clay 12; grey clay pebbles 116; pink clay 121; hardpan 122; gravel 129; grey clay 131; coarse gravel 137; quicksand 140; coarse gravel 150.
TR	" 19	J. Goodrow	H.M. Mairs	Apr. 27, 1954	3½	4	18	16	"	D	Yellow clay 10; brown clay stones 57; sand 75; gravel 92.
Orford Twp.											
Con I	lot 5	Spanessburger	R.M. Campbell	Jun. 16, 1954	4			120	Fresh	D,S	Red clay 16; blue clay pebbles 162; silt clay 223; brown shale 234.
Con II	" 6	H. Simpson	"	Oct. 31, 1953	3	7		118	"	D,S	Brown clay 12; grey clay 146; sandy clay 203; sand gravel 215; coarse gravel 222.
Con V	" 8	R.L. Kelley	Palenkas Bros.	Jan. 2, 1953	6	17	124	104	"	D,S	Sand 14; blue clay 106; hardpan 120; red clay 140; coarse gravel 150.
Con V	" 12	J. Trenton	R.M. Campbell	May 20, 1954	4	5	100	90	"	D,S	Sand loam gravel 19; blue clay small stones 142; quicksand 160; gravel 190.
Con VI	" 17	C. Lunks	S. Earl	Jul. 10, 1954	4	7½	100	60	"	D,S	Red sand 3; blue clay 170; red clay 187; sand gravel 192.
Con VII	" 9	L. Clark	R. Lather	Feb. 20, 1954	4	2½	100	70	"	D,S	Red sand 3; grey clay 120; grey sand 150; till 160; black shale 170.
Con XII	" 2	C. Wootton	"	Mar. 17, 1954	4	7½	35	18	"	D,S	Red sand 10; grey clay 83; grey sand 88; till 100; sand gravel 110.
Con XII	" 6	P. Cowan	"	Dec. 16, 1953	4	7	33	26	"	D,S	Grey sand 12; grey clay 68; till 116; gravel & coarse sand mixed 124.
MRN	" 5	D. Thompson	R.M. Campbell	Sep. 19, 1953	3	7		118	"	D	Brown clay 11; grey clay 67; sand 110; coarse gravel 143.
McN	" 11	H.B. Smith	Palenkas Bros.	Feb. 7, 1953	4	4	140	30	"	D,S	Top soil sand 10; grey clay 65; grey hardpan 80; fine grey sand 82; grey clay 105; fine grey sand 110; gravelly hardpan 112; shale 114.
MRS	" 3	H. Schmalz	R. McGaffey	Mar. 14, 1953	3½						Clay sand 4; blue clay 98; gravel 101; blue clay 105; quicksand 175; black shale 200. Dry hole.
TRN	" 58	School S.#1	H.M. Mairs	Oct. 5, 1953	4	6	17½	17½	Fresh	P	Clay 2; yellow clay 25; brown clay 147; fine sand 150; gravel 156.
Raleigh Twp.											
Con A	lot 6	J. Scott	G. Rice	Jul. 9, 1953	3						Yellow clay 12; blue mud 96; sand 103; soapstone 104. Dry hole.
Con A	" 6	"	"	Sep. 24, 1953	3						Yellow clay 12; blue mud 40; blue clay 52; sand 53; blue mud 96; sand 101; soapstone 102. Dry hole.
Con A	"	L. Jones	"	Jul. 12, 1954	3	½	70	18	Fresh	D	Yellow sand 10; blue clay 65; sand 70.
Con VIII	" 9	J. Robbins	"	Jul. 22, 1953	3			10	"	D	Yellow sand 15; yellow clay 25; blue clay 92; gravel 93; rock.
Con VIII	" 9	E. Shreve	"	Dec. 2, 1954	3	1	25	12	"	D	Yellow clay 10; blue mud 78; sand 81; rock 82.
Con VIII	" 22	C. Ellis	Econ. Water Supply	Sep. 30, 1954	4						Yellow sand 6; blue clay pebbles 60; gravel 61; blue clay pebbles 115; soapstone 138. Dry hole.
Con VIII	" 25	W.B. Elmslie	O.L. Ecuyer & Son	Jul. 20, 1953	3½						Hard clay 10; hard clay gravel 125; soapstone 250. Dry hole.
Con VIII	" 25	"	"	Aug. 1, 1953	3						Hard clay 10; hard clay gravel 125. Dry hole.
Con IX	" 16	E. Goudreau	C. Warren	Feb. 8, 1954	3						Clay 80; muddy gravel 99; black sand 103; slate 106. Dry hole.
Con IX	" 22	P. Kacer	Econ. Water Supply	May 20, 1953	4	3	132	9	Slightly Salt	D,S	Yellow sand 8; blue clay pebbles 118; hard white clay 132; gravel.
Con X	" 2	T. Sullivan	G. Rice	May 1, 1954	3½	1	50	25	Fresh	D	Yellow clay 11; blue clay 108; quicksand 125; medium sand 128.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY-cont. Haleigh Twp.cont. Con A lot 22	A.Charron	O.L'Ecuyer & Son	Jan.17,1953	4	3	170	65	Sulphur	D	Clay gravel 12;clay 127;gravel 128;soapstone 160;limestone 167;soapstone 170.
Con XI " 1	W.Marshall	G.Warren	Sep. 8,1953	4	10	60	46	Fresh	D	Clay 125;gravel 126;blue shale 136;slate 160.
Con XI " 8	J.H.Morris	J.H.Morris	Jun. 2,1953	4		30	30	"	D	Yellow clay 22;hard fine sand 37;blue clay 63;fine sand 62;blue clay 73;sand 74;blue clay coarse gravel 104.
Con XI " 8	"	"	Jul.31,1954	3	3	20	20	"	"	Yellow clay 22;fine sand 37;blue clay 77;fine sand 99;blue clay 110;hardpan 111;sand 111g. Abandoned.
Con XI " 13	G.Zhittin	O.L'Ecuyer & Son	Apr.15,1954	4	3	40	20	"	D,S	Hard clay 50;hardpan 89;gravel 90.
Con XI " 22	H.Haffman	H.M.Mairs	May 19,1954	3		166	34	Salt	"	Yellow clay 8;brown clay 130;soft putty clay 135;fine gravel 147;soapstone 166. Abandoned.
Con XI " 22	"	"	May 31,1954	3				"	"	Yellow clay 10;brown clay 114;clay gravel 119;hard fine sand 153;soapstone 155.Dry hole.
Con XI " 24	C.Ackins	"	Aug. 9,1954	3	2	40	40	Fresh	D	Previously drilled 127;coarse gravel 130;gravel 140;scale slate 148.
Con XI " 25	W.Avis	C.Warren	Jun. 7,1954	3½	6	60	46	"	D	Clay 111;sand gravel 123;slate 124.
Con XII " 1	J.A.Dent	G.Rice	Oct. 9,1954	4	1	40	36	"	D	Yellow clay 10;blue clay 105;quicksand 120;blue mud 130;sand 133.
Con XII " 24	P.W.Drewery	P.W.Drewery	Aug.25,1953	3	3	55	55	"	D	Dark clay 101;gravel 104;dark clay 133;hardpan sand 135;gravel 136;hardpan sand 138;soft slate pebbles.
Con XIII " 18	C.Walker	G.Warren	Oct. 5,1953	4				"	"	Clay 166;gravel 168;soapstone 217;limestone 225.Dry hole.
Con XV " 23	G.Hawley	G.Rice	Nov.30,1953	3	5	103	71	Fresh	D,S	Yellow sand 12;blue clay 156;fine sand 162;brown shale 163.
LEP Con I " 23	G.Holmes	O.L'Ecuyer & Son	Jun. 1,1953	3	3	55	48	"	D	Clay gravel 115;hardpan 121;black shale 122.
LEP Con I " 23	P.Franklin	"	Jun.15,1953	4	5	60	48	"	D	Clay and gravel mixed 115;hardpan 122;black shale 130.
TRR " 138	School S.#10	C.Warren	Apr.21,1953	4				"	"	Sand 26;clay 192;soapstone 195. Dry hole.
TRR " 139	"	"	Mar.25,1953	4				"	"	Sand 14;clay 217;soapstone 220. Dry hole.
TRR EB " 22	French/Bristol	Econ.Water Supply	Oct.28,1954	3½	½	62	28	Fresh	D	Yellow sand 6;blue clay 40;hard clay sand 52;quicksand 61½; sand gravel rock 62.
TRR EB " 24	W.Elliott	Econ.Water Supply	May 28,1953	3	5		19	"	D	Grey clay 28;grey clay pebbles 51;gravel 57;shale.
TRR EB Con IV " 22	J.Beathe	G.Rice	Aug. 3,1954	4	2	40	15	"	D	Sand 8;blue clay 43;sand 45;blue clay 50;sand 53;blue mud 69;fine sand 72.
TRR FC " 21	J.Braunstein	S.Zimmer	Apr.14,1953	3	3	69	28	"	D	Yellow sand red clay 15;blue clay 45;clay gravel 63;gravel 69.
TRR FC " 21	Daymond Co.Ltd.	O.L'Ecuyer & Son	Jul. 1,1954	4	7	35	16	"	"	Top soil 2;hard brown clay 50;hardpan 79;loose shale 80.Abandoned.
TRR FC " 21	"	"	Jul. 1,1954	4	7	40	16	"	"	Top soil 2;hard brown clay 50;hardpan 79;loose shale 80.Abandoned.
WB Con IV " 1	L.Crow	"	Sep.20,1954	3				"	"	Hard clay 20;hardpan 80;hardpan boulders 85. Dry hole.
WB Con IV " 3	J.Tamak	Econ.Water Supply	May 19,1954	4	½	20	20	"	"	Blue clay 30;gravel 31½;clay 55;hard clay 69;gravel 71;gravel clay 80;clay sand 91;shale 95; soapstone. Abandoned.
WB Con IV " 3	"	"	May 25,1953	4	5		12	"	D	Blue clay 71;sand gravel 78.
WB Con IV " 9	P.Harwood	G.Rice	Jan.14,1953	3				"	"	Yellow clay 12;blue clay 66;brown shale 70.Dry hole.
WB Con IV " 9	"	Econ.Water Supply	Jul.17,1953	4	1		18	"	D	Black clay 4;yellow clay 12;blue clay 37;blue clay pebbles 63;gravel 68;grey shale.
WB Con IV " 11	G.Crow	L.Paubert	Oct.16,1954	4	1½	40	8	"	"	Clay 18;sand 30;white clay 58;white sand 69;shale 85;soapstone 96
WB Con IV " 12	J.Galecka	Econ.Water Supply	Mar.20,1953	3	4		7	"	D,S	Blue clay 23;blue clay pebbles 56;clay gravel 65;soapstone 66; gravel 70;shale.
WB Con IV " 12	P.Carson	O.L'Ecuyer & Son	Oct.10,1954	3	4	12	10	"	D	Hard clay 10;soft blue clay 35;hardpan 60;sand gravel 63.
WB Con IV " 13	C.Irwin	G.Rice	Jul.31,1953	4			14	"	"	Yellow sand 9;blue mud 64;shale 66.
WB Con IV " 18	Audet's Motel	"	Feb.12,1953	4	6½		20	"	P	Yellow sand 9;blue mud 49;dark-blue mud 69½;quicksand 70.
WB Con IV " 18	P.Price	"	Jul.24,1954	4	25	50	30	"	D	Sand 9;blue clay 50;sand 52;blue clay 69;sand 70;brown shale 72.
WB Con IV " 18	"	"	Jul.28,1954	4				"	"	Sand 6;blue clay 47;hardpan 51;blue clay 67;sand 70;brown shale 72. Dry hole.
WB Con V " 13	C.Irwin	G.Rice	Jul.25,1953	4				"	"	Yellow sand 9;blue mud 66;black shale 69. Dry hole.
WB Con V " 14	B.Copley	"	Jun.27,1953	3			14	Fresh	D	Sand 11;blue mud 51;grey mud 61;sand 64;rock.
WB Con V " 18	A.Luit	E.R.McGaffey	Jan.26,1953	3½				"	"	Yellow sand 8;blue clay 15;silt 43;hardpan 62;fine sand 70; black shale. Dry hole.

## KENT COUNTY-cont.

Raleigh Twp.cont.

WB Con V	lot 13	A.Luit	E.R.McGaffey	Jan.29,1953	3 $\frac{1}{2}$	1	22	Fresh	D	Yellow sand 5;blue clay 15;silt 43;hardpan 62;fine sand 69;fine gravel 71;black shale.75.	
WB Con V	" 13	C.Kucera	J.Rice	Jun. 8,1953	4					Yellow mud 12;blue mud 70;sand 72;shale 73. Dry hole.	
WB Con V	" 18	"	"	Jun.13,1953	4					Yellow mud 12;blue mud 72;sand 71;shale 72. Dry hole.	
WB Con V	" 18	"	"	Jun. 20,1953	4		15	Fresh	D	Yellow sand 12;blue mud 70;sand 74;shale.	
WB Con V	" 18	C.Dulong	Econ.Water Supply	Jun.22,1953	3	3	31		D	Sandy soil 14;blue clay 32;blue clay pebbles 63;gravel 71;rock.	
WB Con V	" 18	J.Houston	E.R.McGaffey	Jul.18,1953	4					Sand 10;silt 53;hardpan 68;white sand 72;black shale.Dry hole.	
WB Con V	" 13	"	"	Jul.25,1953	4	2 $\frac{1}{2}$	21		D	Sand 12;silt 55;hardpan 69;fine sand 72;fine gravel 73; black shale.	
WB Con V	" 13	"	"	Aug. 4,1953	4					Sand 11;silt 54;hardpan boulders 72;fine white sand 73; black shale 80.Dry hole.	
WB Con V	" 18	"	"	Aug. 7,1953	4					Sand 9;silt 54;hardpan 69;gravel 71;black shale 80.Dry hole.	
WB Con V	" 19	R.McLarty	"	Feb.24,1953	4	3	34	Fresh	D	Sand 4;yellow clay 8;silt 38;hardpan 70;fine sand gravel 72.	
WB Con V	" 19	School S.#18	Econ.Water Supply	Jul.13,1954	4	3	50		"	Yellow sand 12;blue clay 43;hard clay 65;fine sand 69;sand 80. Abandoned.	
WB Con V	" 19	" " #19	"	Jul.20,1954	4	5	50	31 $\frac{1}{2}$	"	Yellow soil 12;blue clay 44;hard clay pebbles 67;gravel 69;shale.	
WB Con VI	" 6	H.Fowler	G.Rice	Mar.25,1953	3 $\frac{1}{2}$		15		D,S	Yellow clay 18;blue clay 38;sand 40;blue mud 60;sand 62;blue mud 83;sand 88.shale.	
WB Con VII	" 2	C.Pelkey	"	Nov. 3,1953	3					Yellow clay 14;blue mud 43;fine sand 52;sand soft grey mud 78;quicksand 79. Dry hole.	
WB Con VII	" 2	C.Pettier	"	Nov.14,1953	3	1 $\frac{1}{2}$	30	12	Fresh	D,S	Sand 12;blue mud 41;sand 45;light grey mud 96;fine sand 100; brown shale 102.
WB Con VII	" 3	School S.#4	"	Mar.17,1953	3			12	"	P	Yellow clay 12;blue clay 42;sand 44;blue mud 72;sand 75; blue mud 90;sand gravel 96.
WB Con VII	" 4	R.Souigny	"	Oct.23,1953	4			12	"	D,S	Yellow clay 12;blue mud 52;sand 53;light grey clay 96;sand 100;rock 104.
WB Con VII	" 7	G.Rice	"	Aug.12,1954	4						Clay 10;blue mud 47;sand 54;blue mud 84;rock 86. Dry hole.
WB Con VII	" 7	"	"	Aug.20,1954	4						Clay 10;blue mud 50;sand 54;blue mud 92;rock 94. Dry hole.
WB Con VII	" 7	"	"	Aug.28,1954	4	1 $\frac{1}{2}$	25	20	Fresh	D	Clay 16;blue clay 53;sand 59;blue clay 83.
WB Con VII	" 8	E.Prince	"	May 8,1953	3						Yellow clay 15;blue clay 75;quicksand 80. Dry hole.
WB Con VII	" 8	"	"	May 20,1953	3			18	"	D,S	Yellow clay 14;blue clay 74;sand 76.
Ridgetown		Ridgetown Publ Utilities Comm	H.M.Mairs	Mar.18,1953	8	45	53	53	Fresh	P	Clay stones 59;hard gravel 78;brown clay 90;gravel 95;fine gravel 100;fine sand 120;coarse sand 130;hard gravel 138; gravel 140;shale rock 151.
Ridgetown		"	R.M.Campbell	Jul.17,1954	3 $\frac{1}{2}$					T	Gravel 6;blue clay 82;sand 143;hardpan 160. Dry hole.
Ridgetown		"	"	Aug. 2,1954	3 $\frac{1}{2}$						Stony blue clay 63;gravel 67;clay 84;silt 130;hardpan 165; slate 167. Dry hole.
Ridgetown		Town of Ridgetown	"	Nov.15,1954	8	35	65	52	Fresh		Loam clay 7;blue clay 90;fine sand 112;clay hardpan 121;gravel sand 135.Abandoned. Gas cut pump off.
Romney Twp. Con II	lot 25	G.Franklin	S.H.Smith	Feb.26,1954	6 $\frac{1}{2}$	3	55	27	Fresh	J	Top soil 3;hardpan 14;blue clay 163;hardpan gravel 165; gravel sand 185.
Con III	" A	J.McQuen	"	Dec.15,1954	4						Top soil 2;brown hardpan 14;blue clay 146;gravel 146 $\frac{1}{2}$ ;hardpan stones 159;black shale 160;brown limestone 161. Dry hole.
Con III	" A	"	"	Dec.30,1954	4	1	70	55	"	C	Top soil 2;brown hardpan 14;blue clay 146;gravel 147.
TRR	" 180	M.Fletcher	"	Jan.20,1953	4	5	50	38	"	D,S	Top soil 3;yellow clay 16;blue clay 166;gravel 169.
TRR	" 183	P.T.Byrum	C.Warren	Oct.26,1954	4						Gravel 27;clay 171;gravel 274;limestone. Abandoned.
T&R	" 183	A.Byrum	"	Nov.12,1954	4						Clay 114;gravel 120;clay gravel 164;gravel 177;soapstone 191. Dry hole.
Shrewsbury		G.Lester	C.Warren	May 18,1953	4	3	26	21	Salt	D	Clay 102;black sand 108.
Shrewsbury		W.Duckett	"	Jul.25,1953	4	3	40	13	"	D	Clay 108;gravel 112;blue shale 115;broken slate black sand 117;slate 120.
Shrewsbury		F.Reece	"	Dec.29,1953	4	1		12	"	D	Clay 112;blue shale 118;slate 120;blue shale slate 145.
Shrewsbury		C.Casey	H.M.Mairs	Jun.14,1954	3	5	14	14	Fresh	D	Yellow sand 5;brown clay stones 20;brown clay 102;fine gravel 108;black shale 114.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY-cont. Shrewsbury	M. Bronn	H.M. Mairs	Jun. 19, 1954	3	5	14	14	Fresh	D	Loam 2; yellow sand 18; brown clay 102; fine brown sand 108; black gravel 114; black shale 116.
Shrewsbury	G. Hall	"	Jun. 26, 1954	3	5	13	13	"	D	Top soil 2; yellow sand 10; brown clay 100; black gravel 105; black shale 114.
Shrewsbury	H.T. Miller	"	Aug. 17, 1954	3	5	20	15	"	D	Loam 2; sand brown clay mixed 20; brown clay small stones 93; coarse gravel 101; fine gravel 105; black shale slate 108.
Pilbury East Twp. Con III lot 14	M. Kriofalusi	Boon Water Supply	Jul. 7, 1954	4				Slightly Salt	D	Blue clay 116; hard clay sand 117; soapstone. Dry hole.
Con III " 14	"	"	Jul. 10, 1954	4	1/2		18	"	D	Blue clay 116; dirty sand 117; soapstone.
Con XV " 9	J. Authier	S.H. Smith	Mar. 18, 1954	4				"	D	Brown hardpan 16; blue clay 165; soapstone 180. Dry hole.
Con XV " 9	"	"	Mar. 30, 1954	4				"	D	Brown hardpan 15; blue clay 165; soapstone 180. Dry hole.
Con XV " 9	"	"	Aug. 5, 1954	4	3	55	35	Fresh	D,S	Brown hardpan 16; blue clay 165; fine gravel 167.
THR " 177	E. Kiffin	"	Nov. 3, 1953	6 1/2	3	135	35	"	D,S	Top soil 3; yellow clay 16; blue clay 166; shale gravel 169.
Wallaceburg	D. Como	P. Mills	Nov. 2, 1953	2		16	16	Fresh	D	Top soil sandy yellow clay 5; grey clay 20; sandy grey clay 77; hardpan.
Zone Twp. Con I lot 7	L. Secord	E.R. McGaffey	Aug. 3, 1953	4	8		5	Fresh	D	Sand 6; blue clay 20; hardpan 32; fine sand 35; shale.
Con II " 13	N. Wengraniuk	"	Sep. 12, 1953	4	9		7	"	D,S	Yellow clay 12; blue clay 36; hardpan 40; black shale blue shale 41.
Gore " 1	W.R. Levertton	R. McGaffey	Jul. 6, 1954	4		70	40	"	D,S	Clay 18; gravel 19; blue clay 32; hardpan 69; gravel 70.
LAMBERTON COUNTY. Alvinston	United Church	E.R. McGaffey	May 30, 1953	4	10		20	Fresh	P	Sand blue clay 10; silt 13; blue clay 70; hardpan 75; fine gravel 76.
Alvinston	J. Shugg	S. Earl	Aug. 12, 1954	3 1/2	15	30	18	"	D	Clay 10; gravel 15; clay 70; hardpan 73; gravel 74.
Arkona	G.L. Hawkens	A. Heal	Apr. 23, 1953	4	1/2	65	7	Fresh	"	Top soil 4; yellow clay 12; blue clay 33; soft sandy blue clay 55; hardpan 63; soft limestone 75. Abandoned.
Arkona	"	"	Apr. 23, 1953	4	3	29	9	"	D	Top soil gravel 9; yellow clay 13; blue clay 33; hard blue clay sand streaks 52; hardpan 57; soft limestone 70.
Arkona	N.W. Richter	"	Sep. 7, 1953	4	1/2			Salt	"	Gravel top soil 6; yellow clay 14; blue clay 20; sand clay 22; blue clay 35; sand blue clay 58; hardpan 66; soft limestone 95. Abandoned.
Arkona	"	"	Sep. 11, 1953	4				"	"	Gravel top soil 6; yellow clay 14; blue clay 20; sand clay 22; blue clay 35; sand blue clay 58; hardpan 66; soft limestone 81. Dry hole.
Arkona	J. Doherty	"	Sep. 15, 1953	4	5	11 1/2	11	Fresh	D	Top soil yellow clay 14; blue clay 31; gravel 37; blue clay 39.
Arkona	D. Brook	"	Nov. 23, 1954	4	2	60	8	"	D	Top soil gravel 25; hard blue clay gravel 30; sandy hard blue clay 40; blue clay 60; hardpan 74; limestone 86.
Boonquet Twp. Con XIII lot 13	I. Prayne	F. Rendle	Sep. 15, 1953	4	4	38	28	Fresh	S	Clay 68; shale rock 72.
Con XIV " 6	R. Mulder	"	Apr. 10, 1953	4	5	59	44	"	D	Clay 103; gravel 104; shale 125.
Con XIV " 11	G. Wellington	"	May 10, 1954	4	4	40	30	"	S	Clay 80; hardpan 82.
LRB " 54	J. Wall	"	Nov. 10, 1954	4	8	30	10	Sulphur	D,S	Sand 2; clay 34; gravel 36.
LRW " 71	F. Walden	"	Jul. 14, 1954	4				"	"	Sand 8; clay stones 37; shale 40. Dry hole.
LRW " 71	"	"	Jul. 17, 1954	4				"	"	Sand 4; clay sand stones 100; shale 150. Dry hole.
LRW " 71	N. Wilson	"	Jul. 21, 1954	4	8	38		Flows Sulphur	D	Sand 8; clay stones 41; shale 43.
LRW " 71	P. Walden	"	Jul. 27, 1954	4				"	"	Sand 8; clay stones 47; shale 49. Dry hole.
LRW " 71	"	"	Jul. 30, 1954	4				"	"	Sand 8; clay gravel stones 46; shale 49. Dry hole.
LRW " 71	"	"	Aug. 10, 1954	4				"	"	Sand gravel 10; clay stones 46; shale 49. Dry hole.
LRW " 71	"	"	Aug. 20, 1954	4				"	"	Sand 8; clay stones 46; shale 48. Dry hole.
LRW " 71	"	"	Sep. 4, 1954	4	8	26	5	Fresh	D	Sand 8; clay rock 34; shale rock 36.
LRW " 72	D. Smith	"	Jul. 1, 1954	4	3	30	13	Sulphur	D	Sand rock 8; clay sand rocks 34; rock hardpan 36.
LRW " 72	R. Armstrong	"	Aug. 5, 1954	4	5	20	5	"	D	Sand 8; clay sand 34; shale rock 36.
SBC " 19	E. Hall	A. Heal	Jun. 16, 1953	4	10	36	32	Fresh	D,S	Yellow clay 14; blue clay 56; hard blue clay sand boulders 62; blue clay 90; hardpan 97; black shale rock 103 1/2.

LAMBERTON COUNTY-cont.

Bosanquet Twp.cont.

SBC	lot 34	C.Hall	F.Rendle	Aug.10,1953	4	4	65	60	Fresh	D,S	Clay 108;gravel 112;rock
Brooke Twp.											
Con I	lot 3	T.Belan	E.R.McGaffey	Jul.13,1954	4½	15		9	Fresh	D,S	Yellow clay 12;blue clay 42;hardpan 53;black shale 59.
Con I	" 5	E.Pettman	R.C.Thrower	Jul. 3,1954	6	2	45	15	"	D,S	Clay 10;blue clay 60;gravel 65.
Con I	" 10	R.Myers	R.Lather	Oct.23,1953	4	1	53	35	"	D,S	Gravel 17;grey clay 60;till 65;gravel sand 67;hard black shale 73.
Con III	" 14	P.Black	E.R.McGaffey	Feb.28,1953	3½	2½		12	"	D,S	Yellow clay 12;blue clay 59;hardpan 60;rock 65.
Con VI	" 11	M.Tellier	R.C.Thrower	Mar. 4,1954	4½	4	12	10	"	D,S	Clay 10;blue clay 47;gravel 60.
Con VI	" 22	K.Leitch	A.S.McAlpine	Feb.16,1953	8	5	25	6	"	D,S	Clay 8;gravel 9;clay 46;hardpan 52.
Con VI	" 22	"	"	Feb.21,1953	4	2	42	42	Sulphur	D,S	Clay 48;hardpan 56.
Con VII	" 29	S.McKeller	"	Mar.26,1953	12		1½		Fresh	T	Clay 15;hardpan 18.
Con VII	" 29	"	"	Mar.26,1953	12		1½		"	T	Clay 15;hardpan 18.
Con VII	" 29	"	"	Mar.26,1953	12		1½		"	T	Clay 15;hardpan 18.
Con VII	" 29	"	"	Mar.26,1953	12		1½		"	T	Clay 15;hardpan 18.
Con VII	" 29	"	"	Mar.26,1953	12		1½		"	T	Clay 15;hardpan 18.
Con VII	" 29	"	"	Mar.26,1953	12		1½		"	T	Clay 15;hardpan 18.
Courtright		Vill.of Courtright	H.Brandon & Sons	Apr.24,1954	10	20	31	31	Fresh	P	Red clay 6;hardpan 33;blue clay 93;sand gravel 178;shale hardpan 183;soapstone 207;black shale 209;soapstone 247.
Dawn Twp.											
Con I	lot 31	G.MacGregor	R.Marsh	Nov. 1953	6						Black clay 6;hard white clay 20;blue clay 55;hard gravel stones 67;soft white clay 84. Dry
Con I	" 31	"	"	Dec.12,1953	6	1	50	30	Fresh	D,S	Black clay 1;hard white clay 16;blue clay 46;gravel 50; soft white clay 85.
Con I	" 31	E.Graham	"	May 10,1954	6	2½	27	22	Sulphur	D,S	Clay loam 2;hard clay 14;blue clay 70;hardpan 73;shale 74.
Con V	" 16	B.Burns	D.Wade	Oct.30,1954	3½						Yellow clay 10;grey clay 47;gravel 49. Dry hole.
Con V	" 16	"	"	Nov. 1,1954	3½	5	24	18	Fresh	D,S	Yellow clay 12;grey clay 46;hardpan 50.
Con V	" 27	P.Wicks	G.R.Simpson	Sep.18,1954	3	4	21	17	"	D,S	Clay 8;blue clay 35;gravelly hardpan 40;blue clay 60;black gravel 63;black shale 64.
Con VII	" 11	J.Stinson	D.Wade	Aug. 4,1954	4						Yellow clay 12;grey clay 35;grey shale 65;black shale 63. Dry hole.
Con VII	" 11	"	"	Aug. 5,1954	4						Yellow clay 12;grey clay 27;grey shale 35. Dry hole.
Con VII	" 11	"	"	Aug. 6,1954	4	5	30	21	Fresh	S	Yellow clay 12;grey clay 35.
Con VIII	" 20	J.Belle	"	Aug.11,1954	3½						Yellow clay 12;grey clay 52;black shale 65;grey shale 67. Dry hole.
Con VIII	" 20	"	"	Aug.13,1954	3½						Yellow clay 12;grey clay 51;black shale. Dry hole.
Con VIII	" 20	"	"	Aug.17,1954	3½						Yellow clay 21;sand 30;grey clay 51. Dry hole.
Con X	" 20	R.Morningstar	G.McClure	May 20,1954	4	5	15	11	Sulphur	D,S	Top soil 2;blue clay stones 45;black shale 46.
Enniskillen Twp.											
Con III	lot 9	T.Brandon	H.Brandon & Sons	Jun.26,1954	6	5	55	35	Salt	D,S	Red clay 18;blue clay 58;soft shale 90.
Con IV	" 9	G.Spinks	"	Dec. 1,1953	4	5	59	22	Fresh	D,S	Red clay 15;blue clay few pebbles 58;shale 59.
Con IV	" 19	J.Dawson	W.King	Oct. 1,1953	6	3	18	13	"	D,S	Top soil 2;hard clay 12;blue clay 50;hardpan stones 59;gravel 60
Con V	" 9	W.Anderson	H.Brandon & Sons	Dec. 7,1953	4	3	14	12	"	D,S	Blue clay 68;black shale 32.
Con V	" 11	W.Ryan	H.Brandon & Sons	Jan.18,1954	4	3	60	40	"	D,S	Old well 58;limestone 95.
Con V	" 11	"	R.Marsh	Jun.16,1954	6	2½	32	28	"	S	Clay loam 1;hard clay 12;blue clay 58;hard clay 60;shale 61.
Con V	" 16	H.Bradley	H.Brandon & Sons	Dec. 3,1953	4	5	59	22	"	D	Red clay 16;blue clay 58;shale 59.
Con V	" 16	W.Lamoin	"	Jul.15,1954	4	5	15	4	"	D	Red clay 18;blue clay 58;black shale 72.
Con VI	" 7	R.Vander Kloet	R.Marsh	Jun. 3,1954	6	3	40	30	"	D,S	Black loam 1;blue clay 40;soft putty 81;hardpan 84½.
Con VI	" 15	L.Dumplous	W.King	Nov. 2,1953	4						Loam 2;hard clay 14;blue clay 64;black shale 76.Dry hole.
Con VII	" 6	A.Hyatt	"	Jun.25,1953	4						Old well 70;black shale 84. Dry hole.
Con VII	" 21	J.Dobbin	"	Apr.15,1953	4	3	15	15	Fresh	D,S	Top soil 2;hard clay 12;blue clay 45;hardpan 49;gravel 50; black shale 51.
Con VII	" 24	O.Dobbin	"	Mar.15,1953	4						Top soil 2;hard clay 10;blue clay 37;hardpan 40;black shale 50. Dry hole.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
LAMETON COUNTY-cont. Enniskillen Twp. cont.										
Con VII lot 24	O.Dobbin	W.King	Mar.18,1953	4	5	25	20	Fresh	D,S	Top soil 2;hard clay 10;blue clay 40;hardpan 43;shale 43; black shale 46.
Con IX " 11	R.Short	H.Brandon & Sons	Jul.24,1954	6						Red clay 15;blue clay 54;sand gravel mixed 93;gravel black shale 100;black shale 107. Dry hole.
Con IX " 11	"	"	Jul.27,1954	6	4	60	18	Salt	S	Red clay 16;blue clay 54;mixed sand gravel 93;gravel black shale 100;black sand soft shale 135;black shale 136.
Con IX " 24	R.Johnston	L.Rawson	Nov.27,1954	4½	12	30	8	Fresh	D	Top soil 2;blue clay 39;hardpan 40;black shale 50.
Con X " 20	School S.#17	W.King	Oct.11,1954	4	1½	60	17	"	P	Loam 2;hard clay 14;blue clay 32;black shale 99.
Con XI " 3	G.McGregor	L.Rawson	Aug.13,1953	4						Dark clay 2;heavy yellow clay 16;blue clay 112;brown shale 123;grey limestone 143.Dry.
Con XI " 7	C.Freer	W.King	Aug.25,1953	4						Top soil 2;hard clay 12;blue clay 83;black shale 94.Dry hole.
Con XI " 10	J.Turner	L.Rawson	Jul.14,1953	4	10	48½	48	Fresh	D	Loam dark clay 2;heavy yellow clay 14;blue clay 98;black gravel 102;grey limestone 108.
Con XI " 10	G.Leaver	L.Rawson	Jun.23,1954	4	12	48	48	"	D	Clay loam 2;heavy clay 16;blue clay 90;hardpan 96;grey limestone 102.
Con XII " 13	P.Kedwell	"	Sep.12,1953	4	1		10	"	D	Dark clay 2;heavy yellow clay 8;gravel 12;heavy yellow clay 25;blue clay 102;black shale 115;grey limestone 138.
Con XIII " 12	A.Squires	"	Aug. 5,1954							Clay loam 2;heavy clay 14;blue clay 102;rock 134.Dry hole.
Con XIII " 15	"	"	Aug.11,1954	4	12	30	6	"	D,S	Clay loam 2;heavy clay 14;blue clay 80;hardpan 33;black shale 90;grey limestone 104.
Con XIII " 24	R.Colter	W.King	Oct. 6,1954	7	1	50	20	"	D,S	Loam 1;hard clay 12;blue clay 62;gravel hardpan 63;shale 70.
Euphemia Twp. 147										
Con I lot 16	Florence Fair Board.	R.McGaffey	Sep.23,1953	5½	8	27	27	Fresh	P	Top soil 3;clay 42;hardpan 45;gravel 46;black shale 52.
Con I " 16	S.Smith	R.Lather	Jul. 8,1954	4	4½	37	35	"	D	Sand 2;grey clay 39;till 41;shale 55.
Con I " 16	K.Price	"	Jul.10,1954	4	5	36	34	"	D	Sand 6;grey clay 40;till 44;shale 54.
Con II " 20	J.Maynard	W.J.George	Jun.24,1953	5	4	31	17	"	D,S	Loamy soil 4;yellow sand 10;grey clay pebbles 48;sand 49;gravel 51.
Con III " 17	T.W.Lunn	"	Jul. 3,1953	4½	13	16	9	"	D,S	Red sand 4;soft grey clay 40;gravel 46.
Con III " 18	M.Maynard	"	Jun.26,1953	5			19	"	D,S	Clay 48½;black shale 50.
Con III " 19	School S.#4	"	Oct.13,1954	6	2	19	16	"	P	Sand 6;clay 14;quicksand 19;pebbles 51;limestone 53.
Con III " 28	H.McCafe	E.R.McGaffey	Sep.16,1953	4	7		19	Sulphur	D,S	Yellow clay 21;blue clay 34;hardpan 44;black shale 45.
Con IV " 21	W & H Davis	"	Dec. 4,1953	4	1		14	Fresh	S	Yellow clay 5;blue clay 32;silt 42;hardpan 54;broken shale 59;blue shale 61;black and blue shale 92;black shale 135;rock 142.
Con IV " 22	"	"	Nov.20,1953	4						Grey sand 6;blue clay 15;silt 43;hardpan 58;blue and black shale 72. Dry hole.
Con IV " 22	"	"	Nov.24,1953	4						Grey sand 4;blue clay 15;silt 44;hardpan 58;blue and black shale 61. Dry hole.
Con V " 19	H.Smith	E.R.McGaffey	Oct.18,1953	4						Red sand 6;blue clay 58;hardpan 75;hard grey-blue rock 97. Dry hole.
Con V " 19	"	"	Oct.21,1953	4	2		12	Fresh	D,S	Red sand 6;blue clay 44;hardpan 65;hard grey-blue rock 75.
Con V " 21	A.Willich	"	Jul.29,1954	4½	5		10	"	D,S	Yellow clay 5;blue clay 46;hardpan 63;rock 65.
Con V " 30	A.Brennon	"	Jan.28,1954	5						Yellow clay 12;blue clay 42;hardpan 47;black shale 63.Dry hole.
Con V " 30	"	"	Jan.30,1954	5	1½		24	"	D,S	Yellow clay 9;blue clay 34;hardpan 44;black shale 62.
Con VI " 26	W.Munroe	R.Lather	Apr.16,1954	4	5	22	16	"	D,S	Sand 14;clay 45;grey sand 63;black sand 64;black shale 70.
Con VIII " 16	J.Stuart	E.R.McGaffey	Oct.13,1953	4	1		8	"		Red sand 22;blue clay 74;fine gravel 75;hardpan 83;fine gravel 89;rock 90. Abandoned.
Con VIII " 16	"	"	Oct.16,1953	4	1		10	"	S	Red sand 22;blue clay 75;fine sand 76;hardpan 79;white hardpan 88;rock 95.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LAWTON COUNTY-cont. Moore Twp.cont. PC lot 53	R.Carpenter	W.King	Sep.10,1953	4			60	Fresh		Loam 2;hard clay 12;blue clay 150;hardpan 155;sand 157; black shale 190. Abandoned.
PC " 53	"	A.MacPherson/Son	Oct. 9,1953	2	2 1/2	100	60	"	D	Blue clay 60;sand 63;blue clay 153;fine sand 157.
Plympton Twp. Con II lot 3	J.McIsaac	L.Rawson	Mar.10,1954	4						Clay loam 2;yellow clay 15;blue clay 140;gravel shale 149; limestone 168. Dry hole.
Con II " 3	"	"	Mar.24,1954	4	14	60	17	Fresh	D,S	Clay loam 2;yellow clay 15;blue clay 145;hardpan 149; grey limestone 163.
Con III " 15	S.Evans	H.Brandon & Sons	Dec.22,1954	4	6	15	14	"	D	Previously drilled 118;black shale 156.
Con III " 16	Christian Reform Church	L.Rawson	Apr. 2,1954	4	10	52	52	"	D	Red clay 3;quicksand 8;heavy yellow clay 16;blue clay 124; hardpan 126;black shale 130.
Con IV " 1	S.W.Allen	"	Oct.25,1954	4	12	12	4	"	D	Top soil 2;yellow clay 15;blue clay 118;hardpan 122;grey limestone 124.
Con IV " 8	D.Scott	"	Oct. 7,1953							Clay loam 2;yellow clay 15;blue clay 120;black shale 130. Dry hole.
Con IV " 16	J.McCormick	"	Oct.30,1953	4 1/2	10	55	23	Fresh	D	Gravel 13;blue clay 120;black shale 123.
Con IV " 21	B.Forbes	"	Jun. 5,1953	4	10	30	25	"	D,S	Clay loam 2;heavy yellow clay 18;blue clay 74;black gravel 100.
Con IV " 23	A.Maclean	"	Nov.16,1954	4	12	30	19	"	D	Old well 65;blue clay 111;black sand gravel 126;soapstone 130.
Con V " 25	R.Manielly	F.Rendle	Sep.25,1953	4	3	60	50	"	D	Clay 120;gravel 122;shale 125.
Con V " 29	J.Grieve	A.Heal	May 22,1954	4	1/2	95	70	"		Top soil yellow clay 14;blue clay 38;sandy blue clay 42;blue clay 85;soft dark clay 90;black shale 95. Abandoned.
Con V " 29	"	"	May 26,1954	4	1/2	97	50	"		Top soil yellow clay 14;blue clay 38;sandy blue clay 42;blue clay 85;soft dark-blue clay 90;black shale rock 97.Abandoned.
641 Con V " 29	"	"	May 28,1954	4	2 1/2	88	38	Fresh	D,S	Top soil yellow clay 14;blue clay 38;sandy blue clay 40;blue clay 40;blue clay 82;hardpan gravel 83;hardpan soft sandy clay 84;black fine sand 87 1/2;black gravel 89 1/2;dark sandy clay 90 1/2.
Con VI " 14	J.King	F.Rendle	Sep.10,1953	4	3 1/2	50	40	Fresh	D,S	Clay 75;gravel 80.
Con VI " 26	E.Dodge	A.Heal	Oct.26,1953	4	5	45	30	"	D	Top soil yellow clay 14;blue clay 112;hardpan sand gravel 114; black shale rock 115.
Con VII " 19	M.Scott	A.Heal	Jun.27,1953	5	5	19	18 1/2	"	D,S	Top soil yellow clay 14;blue clay 50;hard blue clay 70;soft blue clay 81;hardpan 84;black shale 88.
Con VIII " 6	Marine Radio Range Stn.	"	Jan.20,1954	5 1/2	1 1/2	108	10 1/2	"	P	Top soil yellow clay 12;blue clay 107;hardpan black shale gravel 107 1/2;black shale 112 1/2.
Con XII " 30	Dr.J.J.Jay	F.Rendle	Jun. 6,1954	4	3	60	45	"	D	Clay 100;gravel 102;shale 140.
LHP " 13	H.Reynolds	"	Jul.13,1953	4	4	40	35	"	D	Clay 75;gravel 82;rock.
LHP " 24	C.W.Brown	A.Heal	May 7,1953	4						Yellow clay 14;blue clay 80;dark clay stones 96;loose black shale dark sandy soil 98;black shale rock 118.Dry hole.
LHP " 24	"	"	May 9,1953	4						Yellow clay 14;blue clay 80;dark clay stones 96;loose black shale sandy clay 98;black shale rock 111. Dry hole.
LHP " 24	"	"	May 12,1953	4						Yellow clay 15;blue clay 80;dark clay stones 96;loose black shale sandy clay 98;black shale rock 112. Dry hole.
LHP " 24	"	"	May 14,1953	4						Yellow clay 14;blue clay 80;dark clay stones 96;loose black shale sandy clay 98;black shale 118. Dry hole.
LHP " 24	"	"	May 16,1953	4			44	Fresh		Yellow clay 14;blue clay 80;dark clay stones 96;loose black shale sandy clay 98;black shale rock 110.Abandoned.
LHP " 24	"	"	May 19,1953	4	1 1/2	110	43	"	D	Yellow clay 14;blue clay 80;dark clay stones 96;loose black shale sandy clay 98;black shale 118.
LHP " 31	E.J.Barr	"	Jun. 8,1953	4	1 1/2	100	52	"	D	Top soil yellow clay 14;blue clay 92;hardpan hard grey clay stones 98 1/2;black shale 104.
LHP " 38	H.H.Smith	L.Rawson	Aug.23,1954	4	12	58	58	"	D	Clay loam 1;heavy clay stone 14;blue clay 92;hardpan 103; black shale 105.

LANBTON COUNTY-cont.

Plympton Twp.cont.				L.H.F.	lot 39	E.L.King	L.Rawson	Aug.18,1954	4	12	55	55	Fresh	D	Clay loam 1;heavy stony clay 14;blue clay 85;hardpan 96; black shale 100.
				L.H.F.	" 45	Dr.P.Sloan	P.Rendle	Jun.12,1953	4	4	70	65	"	D	Clay 89;hardpan 100;rock 106.
				L.H.F.	" 45	S.K.Henderson	A.Heal	Jun.23,1953	4	12		62	"	D	Top soil yellow clay 14;blue clay 80;hard blue clay pebbles 93;hardpan loose black shale 96;black shale rock 98.
Point Edward						Sarnia Golf Club	A.Heal	Sep. 1,1954	6					T	Clay sand black muck 7;sand clay streaks 12;soft blue clay trace of sand 43;gravel clay 45;blue clay 75. Dry hole.
Point Edward						Point Edward Publ.Utilities Comm.	"	Sep. 8,1954	6	1½	19½	7	Fresh	T	Top soil gravel 8;hard sand gravel 12;sand 30;gravel 42; soft clay 48.
Point Edward						"	"	Sep.11,1954	4			9	"	T	Top soil gravel 8;solid sand 18;yellow sand gravel 24;sand gravel 36;gravel some sand 45;clay 50.
Point Edward						"	"	Oct.28,1954	12	380	25	8	"	T	Top soil gravel 3;solid sand large stone 18;sand gravel 24; gravel some sand large stones 38;coarse gravel 45½.
Sarnia						Sarnia Golf Club	A.Heal	Aug. 9,1954	4	5	25	5½	Fresh	T	Yellow sand 9;gravel 10;fine yellow sand 18;fine blue sand 25;hard clay streak 25;fine sand 28;soft blue clay 32.
Sarnia						"	"	Aug.12,1954	4	15		4½	"	T	Top soil sand 16;fine blue sand 27;blue clay.
Sarnia						"	"	Aug.31,1954	4	3		29	"	T	Top soil gravel 5;yellow coarse sand 18;blue sand 27;soft blue clay 65;hard blue clay 95;soft blue clay 140;soft dark clay 165½;black gravel sand 173;dark clay sand gravel 180.
Sarnia Indian reserve RR				lot 16	A.Gray	L.Rawson		Sep. 1,1954	4	12	60	20	Fresh	D	Dark loam 2;yellow clay 14;blue clay 106;hardpan 110;black shale 119.
Sarnia Twp.				lot 2	H.Aubin	L.Rawson		Aug.27,1954	4	12	28	22	Fresh	D	Clay loam 2;yellow clay 16;blue clay 70;quicksand 78;blue clay 120;hardpan 122;black shale 128.
150	Bl.B				" 3	S.Henderson	H.Brandon & Sons	May 8,1953	4	5	14	14	"	D	Sandy loam 20;blue clay 124;black shale 126.
	Bl.B				" 17	Stonehouse/Son	E.Josh	Mar.10,1953	4	4	50	20	"	P	Clay 118;gravel 120;shale 126.
	Con I				" 11	W.Sigmiller	H.Brandon & Sons	Dec.22,1953	4	5	12	12	"	D,S	Blue clay 100;quicksand 130;blue clay 131;black shale 134.
	Con I				" 13	T.Dwinnell	"	May 18,1954	4	5	40	30	"	D,S	Red clay 30;blue clay 115;sand gravel 145;black shale 147.
	Con II				" 15	School	"	May 4,1954	4				"		Red clay 30;blue clay 105;sand gravel 120;black shale 136.
	Con II				" 15	"	"	May 11,1954	4	5	125	22	Fresh	P	Dry hole.
	Con II				" 15	School S.#4	"	Oct.18,1954	4½				"		Red clay 30;blue clay 105;sand gravel 120;black shale 125.
	Con II				" 15	"	"	Oct.20,1954	4½				"		Red clay 23;blue clay 117;clay gravel 123;black shale 126; grey shale 134. Dry hole.
	Con III				" 16	A.Wrighton	D.Wade	Aug.30,1954	3½	7	50	18	Fresh	D	Red clay 23;blue clay 117;clay gravel 123;black shale 126; grey shale 135. Dry hole.
	Con IV				" 16	N.Loroux	H.Brandon & Sons	Jul.18,1953	4	1½	22	22	"	D	Yellow clay 12;grey clay 65;sand 67;sand mud 80;grey clay 121.
	Con V				" 9	J.McHenry	"	Nov.28,1953	4½	2½	60	22	"	D	Red clay 30;blue clay 90;gravel sand 123;shale 125;rock 126.
	Con V				" 14	W.Fisher	W.King	Sep.14,1953	4	2	33	33	"	D	Red clay 14;blue clay 108;black shale 133.
	Con VI				" 5	School S.#10	D.Wade	Sep. 2,1954	4	10	35	25	"	P	Loam 2;hard clay 14;blue clay 112;hardpan 114;gravel 115; black shale 117½.
	Con VI				" 9	"	"	Jan.16,1954	4	7	40	15	"	P	Yellow clay 10;grey clay 115;black shale 118.
	Con VI				" 10	M.Madzenick	"	Jan. 4,1954	3½	7	35	15	"	D	Dark clay 2;yellow clay 12;grey clay 75;grey clay stones 156; grey limestone 167.
	Con VI				" 10	J.E.Keefe	L.Rawson	Sep.30,1954	4				"		Dark clay 2;yellow clay 15;grey clay 150;gravel 154;shale 156.
Con VI				" 10	"	"	Oct. 7,1954	4	12	30	7½	Slight Salt	D	Top soil 2;yellow clay 16;blue clay 100;blue clay gravel 155; grey limestone 170. Dry hole.	
Con VI				" 14	M.Paudds	I.Lounsbury	Jan.27,1953	8	6	100	40	Fresh	P	Top soil 3;sand 8;clay 104;black shale 108.	
Con VI				" 16	T.Smith	H.Brandon & Sons	Mar.27,1954	4	5	65	30	"	P	Old well 108;limestone 115.	
Con VI				" 16	Abbott Boat Works	"	Sep.21,1954	4				"		Red sand 17;blue clay 108;black shale 112. Dry hole.	
Con VI				" 16	"	"	Sep.22,1954	4				"		Red sand 16;blue clay 108;black shale 111. Dry hole.	
Con VI				" 16	"	"	Sep.23,1954	4				"		Red sand 16;blue clay 108;black shale 112. Dry hole.	

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LAMBERT COUNTY-cont Sarnia Twp.cont.										
Con VI lot 16	Abbott Boat Wk.	H. Brandon & Sons	Sep. 24, 1954	4						Red sand 17; blue clay 103; black shale 110; Dry hole.
Con VI " 17	Dutch Reform Church	"	Nov. 28, 1953	4	5	23	22	Fresh	P	Brown sand 2; light-brown sand 96; blue clay gravel 103; black shale 109.
Con VII " 1	R. J. Campbell	L. Rawson	Feb. 23, 1953	4	6	30	17	"	D	Black clay 10m 2; yellow clay 16; blue clay 125; hardpan 126; grey limestone 135.
Con VII " 6	C. Christianson	A. Heal	Aug. 20, 1953	4	6	42	26	"	D	Top soil yellow clay 14; blue clay 120; hardpan 122; limestone 122.
Con VII " 12	C. Carrothers	"	Jan. 23, 1953	4	2 1/2	30	14	"	D	Top soil yellow clay 12; blue clay 97; hard dark clay stones 100; blue clay 122; hardpan 123; limestone 127; soft blue rock 127 1/2.
Con VII " 13	"	"	Sep. 29, 1953	3 3/4	3	28	17	Salt	D	Top soil yellow clay 12; blue clay 50; gravel hard blue clay 60; hard blue clay 96; dark stones hard blue clay 100; blue clay 120; hardpan 122; loose limestone 123.
Con VII " 14	P. Bendicza	L. Rawson	Apr. 27, 1954	4	15	47	47	Fresh	P	Black muck 1; quicksand 9; yellow clay 14; blue clay 102; hardpan 105; black shale 110.
Con VII " 15	P. Sele	"	Jun. 17, 1953	4	20	14	13	"	J	Black muck 1; marl 12; very soft blue clay 110; hardpan 111; black shale 115.
Con VII " 15	A. Ellenor	"	Jun. 22, 1953	4	20	15	14	"	D	Black muck 1; marl 15; soft blue clay 112; hardpan 113; black shale 117.
Con VII " 15	A. Britton	"	Jun. 11, 1954	4	12	60	30	"	D	Black muck 1; marl 8; quicksand 40; red clay 70; quicksand 83; blue clay 105; hardpan 106; black shale 116.
Con VII " 16	T. Lamontagne	H. Brandon & Sons	Apr. 1, 1954	4	5	38	35	"	D	Top soil 3; red clay sand 17; blue clay 110; black shale 113.
Con VII " 17	V. Marks	"	Feb. 25, 1954	4	3	110	30	"	D	Top soil 2; red clay sand 17; blue clay 108; limestone 110. Abandoned
Con VII " 17	"	"	Mar. 12, 1954	4						Black clay 2; red clay sand 16; blue clay 107; limestone 109.
Con VII " 17	"	"	Mar. 17, 1954	4	5	60	35	Fresh	S	Dry hole.
Con VII " 17	A. Noppen	"	Jul. 20, 1954	4	5	27	27	"	D	Black clay 2; red clay sand 17; blue clay 108; limestone 110.
Con VIII " 4	J. Kyksa	L. Rawson	Jan. 22, 1953	4	8	28	20	"	D	Red clay 18; blue clay 96; gravel 100; blue clay 109; blue shale 115.
Con VIII " 6	R. DeBlare	"	Feb. 12, 1953	4	10	23	18	"	D	Yellow sand 3; heavy yellow clay 14; blue clay 106; clay shale hardpan 108; black shale 114.
Con VIII " 12	School S. #7	D. Wade	May 3, 1954	4						Sandy loam 2; heavy yellow clay 14; blue clay 134; black shale 135; grey limestone 141.
Con VIII " 12	"	"	May 8, 1954	4						Clay 2; quicksand 6; yellow clay 30; grey clay 125; gravel 127; black shale 140. Dry hole.
Con VIII " 12	"	"	May 12, 1954	4						Clay 2; quicksand 6; yellow clay 70; grey clay 124; black shale 140; Dry hole.
Con VIII " 12	"	"	May 12, 1954	4						Clay 2; quicksand 6; yellow clay 75; grey clay 125; black shale 164. Dry hole.
Sombra Twp.										
Con V lot A	H. Innis	V. Conlon	Aug. 18, 1954	2	5	30	14	Fresh	D, S	Top soil 2; yellow sand 7; quicksand 12; hard blue clay 21; soft blue clay 134; soft grey sand 139; medium gravel 140.
Con V " 1	Pinnsoneault	"	Mar. 12, 1954	2	3	20	14	"	D, S	Soil 2; blue clay 6; quicksand 9; blue clay 140; hardpan 142; fine black sand 143; gravel 144.
Con V " 13	P. Petranick	D. Wade	Sep. 16, 1954	3						Dark clay 2; sand 6; grey clay 92; sand mud 94; grey shale 108; black shale 112. Dry hole.
Con V " 13	"	"	Sep. 18, 1954	3						Dark clay 2; sand 6; grey clay 90; clay stones 92; grey shale 102; black shale 107; grey shale 108. Dry hole.
Con V " 13	"	"	Sep. 23, 1954	3						Dark clay 2; sand 12; grey clay 90; grey clay stones 93; grey shale 108; black shale 112; grey shale 160. Dry hole.
Con V " 13	"	"	Oct. 20, 1954	3	1/2	112	33	Fresh	D, S	Clay 2; sand 10; grey clay 89; hardpan 93; grey shale 112.
Con V " 18	B. Raymond	"	Jul. 23, 1954	3						Yellow clay 15; grey clay 70; grey shale 91; black shale 119. Dry hole.
Con V " 18	"	"	Jul. 29, 1954	3						Yellow clay 15; grey clay 70; hardpan 80; grey clay 95; black shale 106. Dry hole.

LAMBERTON COUNTY-cont.

Sombra Twp.cont.

Con V	lot 16	B. Raymond	D. Wade	Sep. 10, 1954	3	2	12	Salt	D, S	Yellow clay 12; grey clay 78; hardpan 86; grey shale 117.	
Con VI	" 10	A. Haynes	G. McClure	Oct. 26, 1954	4	1 1/2	30	Fresh	D, S	Top soil 3; blue clay 127; blue shale 149; black shale 152; blue shale 157; black shale 165; blue shale 180; black shale 185.	
Con VI	" 13	A. Lauwereys	D. Wade	May 9, 1953	3	5	30	"	D	Dark clay 2; yellow clay 12; grey clay 90; blue clay 103; gravel 110; hardpan 112.	
Con VI	" 16	G. Gonyou	"	Apr. 20, 1954	3	3	21	"	D	Yellow clay 12; grey clay 79; gravel sand 81; black shale 87.	
Con VI	" 25	C. Hoyle	"	May 21, 1954	4			"		Yellow clay 15; grey clay 76; black shale 80. Dry hole.	
Con VI	" 25	"	"	May 22, 1954	4	7	35	8	"	Yellow clay 15; grey clay 74; black shale 80.	
Con VI	" 26	J. Hunt	"	Oct. 4, 1954	4	3	30	15	"	Dark clay 2; yellow clay 15; grey clay 73; grey shale 84.	
Con VII	" 4	J. Bogoit	V. Conlon	May 13, 1954	2	4	50	35	"	D, S	Soil 3; clay 140; fine grey sand 163; medium gravel sand 165.
Con VII	" 16	A. Smelzer	D. Wade	Oct. 22, 1954	3	2	117	21	"	D, S	Dark clay 2; yellow clay 12; grey clay 96; sand gravel 98; black shale 112; grey shale 117.
Con VIII	" 29	P. Kerr	"	Jun. 5, 1954	3	8	35	19	"	D, S	Yellow clay 12; grey clay 64; black shale 78.
Con X	" B	J. Nantais	G. McClure	Oct. 15, 1953	4	3	175	169	"		Top soil 2; clay stones 112; gravel sand 115; clay 142; sand 146; clay 147; sand 151; clay 152; sand 156; black sand gravel 175. Abandoned.
Con X	" B	"	"	Nov. 2, 1953	4						Top soil 2; clay stones 112; gravel sand 115; clay 142; sand 146; clay 147; sand 151; clay 152; sand 156; black sand gravel 175; clay 210; black shale 255; black hard shale 257. Dry hole.
Con X	" B	"	"	Nov. 28, 1953	4	1 1/2	146	12	Fresh	D, S	Top soil 2; clay stones 112; sandstone 115; clay 144; limestone sand silt 146.
Con X	" 27	L. Harris	R. Marsh	May 10, 1953	6	2 1/2	40	30	"	D, S	Black loam 2; blue clay 50; soft blue clay 75; clay boulders 101; clay 103; hardpan 105.
Con XI	" B	H. E. Roberts	H. E. Roberts	Jun. 27, 1954	4 1/2	5	21	20	"		Blue clay 133; loose shale 135; blue clay 197; gravel shale 209. Abandoned.
Con XI	" 2	W. Hay	V. Conlon	Sep. 15, 1953	2	3	106	76	"	D, S	Top soil 4; blue clay 147; fine grey sand 166; coarse sand 168.
Con XI	" 5	School S. #11	D. Wade	Jul. 17, 1953	3	2 1/2	75	22	"	P	Clay 65; clay stones sand 7; grey clay 145; hardpan 182; black shale 188.
Con XII	" 2	W. Young	"	Aug. 11, 1953	3						Yellow clay 8; blue clay 20; grey clay 145; hardpan sand gravel 147; grey shale 185. Dry hole.
Con XII	" 2	"	"	Aug. 17, 1953	3						Yellow clay 12; blue clay 20; grey clay 146; hardpan 153; grey shale 158. Dry hole.
Con XII	" 2	"	"	Aug. 29, 1953	3						Yellow clay 12; blue clay 20; grey clay 146; hardpan 208. black shale 212. Dry hole.
Con XII	" 15	A. VanDomeline	"	Apr. 23, 1954	3	8	30	30	Fresh	D, S	Yellow clay 15; grey clay 124; sand gravel 126; black shale 135.
Con XIII	" B	H. Fisher	A. MacPherson/Son	Jun. 30, 1954	2	3	30	25	"	D	Top soil sand 3; blue clay 133; gravel sand 136.
Con XIV	" 19	M. L. Marsh	R. Marsh	Aug. 2, 1954	6	3	35	30	"	D, S	Clay loam 2; hard clay 16; blue clay 120; hardpan 121; shale 122.
Con XIV	" 28	C. McGregor	W. King	Oct. 23, 1954	4	2	29	23	"	D, S	Loam 2; hard clay 12; blue clay 75; sharp sand 79; pebbles hardpan 82; sand 82; shale 85.
Con XV	" 7	H. Gumerick	A. MacPherson/Son	Nov. 19, 1954	2						Top soil 2; blue clay 142; gravel stones 145. Dry hole.
Con XV	" 20	L. Emery	R. Marsh	Nov. 10, 1954	12	8	25	18	Fresh	D, S	Black soil 1; brown clay 10; blue clay 35; stony grey clay 55; soft grey clay 80; black hard limestone 95; stones gravel 105.
Thedford		P. Walden	P. Rendle	Apr. 10, 1954	4	8	50	10	Sulphur	D	Clay 57; clay and gravel mixed 68.
Warwick Twp.											
ERN Con I	lot 10	R. Jones	A. Heal	Mar. 25, 1953	4	4	17	13	Fresh	D	Top soil sand 5; yellow clay 13; blue clay 22; blue clay sand streaks 25; blue clay 39; black gravel 40; loose black shale 41; black shale 43.
ERN Con I	" 10	K. Inman	"	Apr. 4, 1953	4	1/2	34	14	"	D	Top soil yellow clay 12; blue sandy clay 29; hardpan 33; black gravel 34; black shale 36.
ERN Con I	" 10	G. Clark	"	Dec. 13, 1954	4	1	42	12	"	D	Top soil yellow clay 12; blue clay 33; hardpan 38; black shale rock 42.
ERN Con I	" 24	R. Willoughby	"	Sep. 18, 1953	4	4 1/2	46 1/2	43 1/2	"	D	Top soil sand 4; yellow clay 12; blue clay 39; soft blue clay sand streaks 85; hard blue clay pebbles 125; hardpan broken black shale sand 130; black shale 135.
ERN Con III	" 3	O. Ellecker	P. Rendle	Jul. 15, 1954	4	4	55	51	"	D, S	Clay 109; gravel rock 113.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LAMETON COUNTY-cont. Warwick Twp.cont. ERN Con III lot30	W.Ayre	A.Heal	Nov.30,1954	4	5	23	22	Fresh	D	Fill 2; top soil yellow clay 16; blue clay 30; soft sandy blue clay 40; hard blue clay 45; hardpan 59; clean fine gravel 65.
ERN Con V " 7	H.Huctwith	"	Jun.11,1953	4	6	32	29	"	D,S	Top soil yellow clay 14; blue clay 32; loose black shale gravel 35; hardpan 85; black shale rock 88.
ERN Con V " 7	"	"	Jul.21,1953	3½	6		39	"	D,S	Top soil yellow clay 14; blue clay 50; hard blue clay stones 70; blue clay 83; hardpan 92; black shale 93.
ERN Con V " 19	K.Hair	"	Dec.12,1953	6½	15	24	20	"	D	Top soil 3; coarse gravel 8; hard blue clay 42; sand streaks blue clay 57; hardpan fine sand loose black shale gravel 61; black shale rock 113; limestone 114; limestone streaks grey shale 196; grey shale 300.
ERN Con VI " 17	Sep.School=20	"	Feb. 5,1954	5½	2½	30	40	"	P	Top soil yellow clay 14; blue clay 64; hard clay stones sand 72; blue clay 94; black shale stone hard clay 95; hard blue clay 107; hardpan 112; black shale rock 123.
ERN Con VI " 19	K.McPherson	"	Feb. 9,1954	4	3		28	"	D	Top soil yellow clay 14; blue clay 52; gravel sand 54; hard gravelly clay 58.
ERN Con VI " 30	W.Butler	P.Rendle	May 10,1953	4	3	40	30	"	D,S	Clay 90; sand gravel 120.
ERN Con VII " 5	G.Levitt	A.Heal	Mar.19,1954	4	3		68	"	D,S	Top soil yellow clay 12; blue clay 96; hardpan 101; black shale 106
ERS Con I " 8	S.G.Cook	"	Jun.25,1954	4	5	20	17	"	D	Top soil yellow clay 8; sand 11; blue clay 33; hardpan black shale stones sand 40; loose black gravel 53; black shale rock 60.
ERS Con I " 10	C.Routley	"	Mar.23,1953	4	3	13	9	"	D	Top soil 1; sand 4; yellow clay 12; blue clay 21; gravel 23; blue clay 35; hardpan 37; black shale rock 39.
ERS Con I " 10	W.Goldhawk	"	Apr. 1,1953	4	1½	38	9	"	D	Top soil sand yellow clay 12; sandy blue clay 30; hard blue clay 33; sandy blue clay 36; hardpan 38; black shale 40.
ERS Con I " 10	G.Pembleton	"	Apr. 7,1953	4	½	40	11	"	D	Fill yellow clay sand 14; blue clay sand streaks 29; hardpan 40; black shale rock 45.
ERS Con I " 10	P.Wynne	"	Feb.11,1954	5½	2	41	11	"	D	Top soil yellow clay 14; blue clay 33; sand 34; hardpan clay black shale 39; loose shale sand 40; black shale rock 42.
ERS Con I " 14	B.Perry	A.Heal	Dec. 8,1954	4	2½	23	8	"	D	Top soil sandy clay 12; blue clay 19; hardpan 49; black shale 31.
ERS Con IV " 6	R.Thompson	"	Jan.12,1953	5	5	10	6	"	D,S	Top soil 1; yellow clay 12; blue clay 35; hardpan 37; black shale rock 40.
ERS Con V " 2	Nieuwenhuisen	"	May 2,1953	4	4		28	"	D,S	Top soil yellow clay 14; blue clay 45; hardpan 47; black shale 48.
ERS Con V " 21	O.E.Wallis	"	Feb. 5,1953	3½	5	44	38	"	D	Fill yellow clay 14; blue clay 92; hardpan 101; black shale 103.
ERS Con V " 21	Mrs.Chambers	"	Aug.15,1953	5	31	33½	30½	"	T	Top soil yellow clay 13; blue clay 89; hardpan sand gravel 92; black shale rock 98.
ERS Con V " 21	"	"	Aug.15,1954	8	45	45½	29½	"	T	Top soil yellow clay 13; blue clay 91; loose black gravel 92; black shale rock 98; shale rock 101.
ERS Con V " 30	A.Brush	"	Mar. 3,1953	3½			30	"	"	Top soil yellow clay 14; blue clay 28; sand clay streaks 60; blue clay sand streaks 106; hardpan 111; limest.127.Abandoned.
ERS Con V " 30	"	"	Mar.31,1953	4	1	28	15	"	D,S	Top soil yellow clay 14; blue sandy clay 28; gravel blue clay 30; sandy blue clay 32.
ERS Con VI " 22	C.King	"	Apr.11,1953	3½	5		48	"	D,S	Top soil yellow clay 14; blue clay 103; hardpan 105; black shale 107
ERS Con VI " 25	Watford Public Utilities Comm	"	May 30,1953	8	1		38	"	T	Top soil brownish clay 3; gravel yellow clay 15; blue clay 106; hard blue clay 107; hardpan hard blue clay black shale gravel 124; limestone streaks 131; hard limestone 135; soft limestone 137.
ERS Con VI " 25	"	"	Jun. 3,1953	4½	3		46	"	T	Top soil brown clay 4; gravel clay 12; blue clay 107; hardpan 124; limestone streak 133.
Watford	Imperial Poultry	A.Heal	Aug. 3,1953	5½	15	98	68	Fresh	In	Yellow clay 12; blue clay 70; hard blue clay 116; loose shale 116½; black shale 122.
Wyoming	D.Robb	L.Rawson	May 27,1953	4	10	46	46	Fresh	D	Clay loam 2; yellow clay 16; blue clay 119; hardpan 120; black shale 130.

LAMINGTON COUNTY-cont.		J.E.Travis	L.Rawson	Aug.19,1953	4	10	46	46	Fresh	J	Dark clay loam 2;heavy clay 14;blue clay 119;hardpan 122; black shale 127.
Wyoming		P.Cuff	"	Feb. 9,1954	4 1/2	10	100	30	"	D	Clay loam 2;heavy yellow clay 16;blue clay 60;boulders clay 80;blue clay 115;hardpan 116;black shale 123.
LANARK COUNTY											
Almonte		W.A.Metcalf	W.V.Nugent	Dec. 5,1953	6	30	33	25	Fresh	J	Clay 5;limestone 100.
Bathurst Twp.											
Con I	lot 13	J.C.Adams	C.Dufresne	Aug.20,1953	2	6	4	4	"	D	Grey granite 38.
Con I	" 14	C.H.Wilson	J.E.Murphy	Aug. 6,1953	6	3	69	43	"	D,S	Sand gravel 3;greenish granite 81.
Con II	" 20	Chaplin's Dairy	W.V.Nugent	Jul.29,1953	6	35	30	4	"	In	Clay loam 12;hard red granite 88;soft red granite 94.
Con II	" 21	R.C.Chaplin	"	Oct.16,1953	6	15	21	21	"	D	Sandy loam 7;red granite 56.
Con III	" 1	J.A.Kidd	C.Dufresne	Aug.31,1953	2	3	25	12	"	D	Gravel 3;limestone 65.
Con III	" 1	G.E.Walsh	"	Sep. 1,1953	2	4	60	15	"	D	Sand 4;grey granite 75.
Con III	" 1	S.J.Hamlin	"	Sep. 4,1953	2	5	30	30	"	D	Grey and red granite 247.
Con III	" 23	K.Hamilton	"	Jul. 4,1953	2	6	60	10	"	D	Grey granite 70.
Con III	" 25	K.Wilson	W.V.Nugent	Jul. 1,1954	6 1/2	30	20	14	"	C	Sandy loam 5;red granite 41.
Con III	" 26	E.Patterson	"	Jul. 4,1953	6	25	21	21	"	C	Sandy loam 10;hard red granite 54.
Con III	" 26	J.Ferrier	"	Dec. 3,1954	6 1/2	30	25	16	"	C	Sandy loam 7;granite shale 10;red granite 68.
Con V	" 12	T.Cameron	"	Jul.25,1954	6 1/2	10	31	17	"	C	Sandy loam 7;soft red granite 17;hard granite 31.
Con V	" 13	M.C.Greenley	C.Dufresne	Sep.23,1954	2	8	10	2	"	D	Sand 7;red and grey granite 80.
Con VIII	" 11	School	"	Oct.27,1953	2	5	12	12	"	P	Brown clay 2;red and grey granite 107.
Con X	" 22	R.Walroth	W.V.Nugent	Apr.18,1953	6	20	50	35	"	D	Sandy loam 7;shaly granite 25;red granite 70.
Con XI	" 9	E.Irwin	"	May 30,1953	6	12	50	21	"	S	Loam soft limestone 13;white limestone 163;black granite 190; white limestone 221;black granite 228;white limestone 258.
Beckwith Twp.											
Con IV	lot 13	G.Currie	W.V.Nugent	Mar.29,1954	6 1/2	50	0	Flows	Fresh	D	Hard brown sandstone 49;soft white limestone 55.
Con VII	" 12	B.Roberts	"	Apr. 7,1953	6	35	3	Flows	"	P	Sandstone 40.
Con VIII	" 4	P.C.Patterson	C.Dufresne	Jul.30,1953	2	5	6	6	"	J	Sand boulders 16;limestone 59.
Con IX	" 11	P.Milam	W.V.Nugent	Sep.12,1953	6	20	22	17	"	D	Sandy loam 5;sandstone 49.
Con IX	" 14	Ont.Dep.Hwys.	"	Sep. 8,1953	6	30	21	9	"	P	Sand loam 4;hard sandstone 40.
Con IX	" 27	D.K.Miller	F.A.McLean & Son	Feb. 9,1954	4	7	50	23	"	D	Sand gravel 10;hard grey limestone 22;grey limestone quartz 35;grey limestone 136 1/2.
Con X	" 8	V.Richter	W.V.Nugent	May 21,1954	6 1/2	30	13	13	"	P	Shaly sandstone 20;hard brown sandstone 43.
Con X	" 15	P.Watkins	"	Apr.10,1953	6	25	21	13	"	C	Sandy loam shale 7;limestone 30.
Con X	" 15	"	"	Oct. 1,1954	6 1/2	30	25	18	"	D	Sandy loam 2;seamy sandstone 19;hard sandstone 40.
Con X	" 25	R.Prizell	"	Jan. 6,1953	6	2	60	23	"	D,S	Sandy loam 7;hard black granite 42;soft red granite 45; hard black granite 66.
Con XI	" 8	A.Craig	B.Phillips	Jun. 4,1954	5	6	10	6	"	D	Clay 4;limestone 40.
Con XII	" 5	W.Code	W.V.Nugent	Nov.22,1954	6 1/2	20	31	22	"	D,S	Sandy loam 16;red granite 50.
Con XII	" 12	N.Lebland	"	Jul. 8,1953	6	45	4	4	"	D	Sandy loam 5;sandstone 24 1/2.
Carleton Place		P.Moore	W.V.Nugent	Jul. 3,1953	6	33	22	18	Fresh	C	Shale 7;hard brown sandstone 44;soft sandstone 49.
Carleton Place		P.Blume	C.Dufresne	Oct.22,1953	2	3	10	10	"	D	Limestone 83.
Carleton Place		K.Wilson	W.V.Nugent	Oct.27,1953	6	21	20	13	"	D	Clay 2;limestone 50.
Carleton Place		A.Pickering	"	Feb.24,1954	6	21	5	3	"	D	Clay 2;sandstone 25.
Carleton Place		I.Rintual	"	Oct. 2,1954	6 1/2	15	33	21	"	D	Loam 4;shale 19;sandstone 62.
Carleton Place		H.Porteous	"	Nov. 1,1954	6 1/2	20	22	17	"	D	Loam 6;shale 22;hard sandstone 64.
Drummond Twp.											
Con II	lot 6	R.Couch	W.V.Nugent	Jul.31,1954	6 1/2	30	20	14	Fresh	D	Clay loam 6;sandstone 43.
Con III	" 3	P.Saunders	"	Jun.11,1953	6	14	38	23	"	D	Sandy loam 19;sandstone 44.
Con III	" 4	K.Moore	"	Nov.13,1953	6	30	20	16	"	D	Clay 6;sandstone 36.
Con III	" 6	A.M.Ewart	"	Oct. 8,1953	6 1/2	14	14	14	"	D	Dug well 12;sandstone 41.
Con IV	" 21	E.Ashley	"	Nov.25,1953	6	22	20	20	"	D,S	Clay loam 30;sandstone 61.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LANARK COUNTY-cont.										
Drummond Twp.cont.										
Con VI lot 21	J. McDougall	W.V. Nugent	Sep. 15, 1953	6	19	35	32	Fresh	D	Sandy loam 20; sandstone 69.
Con VII " 24	W. Beck	C. Dufresne	Jul. 29, 1953	2	6	8	3	"	D	Sand loam 4; red granite 47.
Con XI " 20	C.S. Jackson	"	Aug. 24, 1953	2	12	45	10	"	D	Red granite 55.
Lanark	S. White	W.V. Nugent	Feb. 3, 1953	6	30	13	13	Fresh	D	Clay 32; black muck 50; sand 60; coarse gravel 63.
Lanark	J. Browning	"	Feb. 4, 1953	6 1/2	25	20	16	"	D	White sandy limestone 18; white limestone 24.
Lanark	L. Topping	"	Feb. 14, 1953	6	3 1/2	54	27	"	D	Sandy loam 4; soft shaly rock 6; red granite 54.
Lanark	A. Murphy	"	Mar. 30, 1953	6	28	15	12	"	D	Clay 11; white limestone 34.
Lanark	H.A. Plante	C. Goodberry	Nov. 1, 1953	6 1/2	20	60	15	"	D	Clay sand 5; granite 55; granite iron limestone 105.
Lanark	W. Hamilton	"	Nov. 16, 1953	6 1/2	5	70	28	"	D	Grey clay 8; white limestone 118.
Lanark	J.B. Paul	W.V. Nugent	Feb. 5, 1954	6	10	22	16	"	D	Sandy loam 2; soft limestone shale 10; white limestone 52.
Lanark	J.A. Strang	"	Feb. 20, 1954	6	20	20	18	"	D	White limestone 73.
Lanark	Baptist Church	C. Goodberry	Nov. 2, 1954	6 1/2	20	15	15	"	D	Red sand pebbles 15; hard grey granite 48.
Lanark Twp.										
Con III lot 7	H. Neilson	W.V. Nugent	Nov. 20, 1953	6	3	60	23	Fresh	D	Sandy loam 6; white limestone 11; white limestone 60.
Con III " 17	J. Lalonde	"	Apr. 12, 1954	6 1/2	25	29	20	"	D	Soft shaly granite 20; red granite 50.
Con VI " 17	A.J. McKay	"	Apr. 19, 1954	6 1/2	20	40	27	"	D, S	Light sandy loam 17; white limestone 70.
Con X " 25	R. Yuill	A. Stanton	Aug. 13, 1954	5	4	20	20	"	D	Sand 4; hard white limestone 85.
Con XII " 2	C. Hammond	W.V. Nugent	Sep. 11, 1954	6 1/2	20	40	23	"	D	Sandy loam 6; white limestone 60.
Lavant Twp.										
Con XI lot 8	H. McKennen	W.V. Nugent	Apr. 24, 1953	6	3	32	21	Fresh	D	Clay 9; white limestone 32.
Montague Twp.										
Con I lot 19	A.C. Woods	J.E. Murphy	Oct. 18, 1953	6	2	54	40	Fresh	D	Sand shale 4; soft rock 6; hard blue limestone 69.
Con III " 23	E.R. Porter	"	Jan. 14, 1954	5 1/2	1	64	8	"	D	Previously drilled 21; shaly blue limestone 64.
Con IV " 28	P.H. Warren	"	Jul. 7, 1953	6 1/2	8	20	16	"	D	Sand 2; shale 3; hard sandstone 36.
Con IV " 28	W.J. Morrison	C.V. Morrison	Jan. 10, 1954	6	8	18	15	"	D	Brown sandy loam 2; sandy limestone sandstone 38.
Con IV " 29	A. Orr	"	Apr. 18, 1953	5	5	40	35	"	D	Soil 3; sandy limestone 15; hard sandstone 60.
Con IV " 29	R. Saultz	J.E. Murphy	Aug. 31, 1953	6 1/2	5	55	50	"	D	Black loam 2; shale sandstone 4; hard sandstone 68.
Con IV " 29	M. Kimere	"	Jan. 22, 1954	6 1/2	5	12	12	"	D	Brown sand 1; brownish sandstone 70.
Con V " 27	C. Alberry	C.V. Morrison	Aug. 3, 1953	6	4	38	10	"	D	Brown clay 1; sandy limestone 48.
Con V " 28	H. Dupre	"	May 17, 1954	6	8	45	35	"	D	Soil 9; sandstone 84.
Con V " 28	H. Baigent	"	Jun. 7, 1954	6	7 1/2	45	45	"	D	Soil 4; sandstone 57.
Con V " 29	Billie Const.	J.E. Murphy	Apr. 20, 1953	5 1/2	7	50	42	"	C	Dug well 8; brown sandstone 90.
Con V " 29	H. Bass	W.V. Nugent	Jun. 5, 1953	6	25	26	18	"	C	Sand loam shale 10; sandstone 85.
Con V " 29	G.P. Bell	J.E. Murphy	Sep. 26, 1953	6	1 1/2	80	71	"	D	Sand 6; sandstone 86.
Con V " 29	A.G. Ilan	"	Nov. 11, 1953	6	3	91	79	"	D	Sand 1; sandstone 87.
Con V " 29	J. Hart	"	Mar. 19, 1954	6	4	61	41	"	D	Sand 4; sandstone 77.
Con V " 29	A. Spooner	"	Apr. 22, 1954	6	2 1/2	60	32	"	J	Dirt 4; sandstone 74.
Con V " 29	J.H. Fountain	"	Sep. 9, 1954	5 1/2	4	65	58	"	D	Sand clay 3; sandstone 72.
Con VI " 21	E.H. Attaway	"	Jul. 30, 1954	5 1/2	3	40	16	"	D	Sand shale 6; sandstone 59.
Con VII " 27	W.C. Prescott	"	Oct. 10, 1953	6	1 1/2	83	75	"	D	Sand 8; sandstone 90.
Con VIII " 28	A. Burse	C.V. Morrison	Jun. 16, 1954	6	12	14	14	"	D	Soil 11; sandstone 37.
Con VIII " 29	J. Cobalt	"	Jul. 15, 1954	6	8	10	10	"	D	Soil 7; sandstone 36.
North Burgess Twp.										
Con IV lot 19	N. McGlade	J.E. Murphy	Aug. 20, 1953	6	1	65	17	Fresh	D	Granite 67.
Con V " 21	P.A. Conway	"	Jul. 15, 1953	6	3	35	9	"	D	Clay 4; graphite 30; black rock 50.
Con V " 27	School S#8	"	Jul. 18, 1953	6	1 1/2	50	33	"	P	Dirt 3; white limestone 64.
Con VI " 26	W.J. Merhley	"	Jul. 23, 1953	6	7	20	15	"	D	Rotten granite 20; graphite 30; white limestone 37.
Con IX " 17	J. Ellis	C.A. McCarthy	Jun. 23, 1954	6	10	41	40	"	D	Earth 3; limestone 53; sandstone 58.

North Elmsley Twp.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>LEEDS COUNTY</b>										
Athens	D.W. Wilson	C.K. Morrison	Apr. 14, 1953	4	5	10	4	Fresh	D	Gravel 17; sandstone 104.
Athens	A.J. Smith	C.A. McCarthy	Jul. 17, 1953	6	5		12	"	D	Earth 1; limestone 36.
Athens	English Church	"	Feb. 20, 1954	6	15	12	11	"	D	Earth 16; hard limestone 47; sandstone 67.
Athens	S. Reynolds	C.K. Morrison	May 5, 1954	6			Flows	"	D	Clay 10; sandstone 60.
Athens	H. Jeffery	C.A. McCarthy	Jul. 22, 1954	6	5	23	18	"	D	Sandstone 59.
Athens	L.L. Judson	G.V. Little	Jul. 31, 1954	6	20	32	17	"	D	Previously dug 16; white sandstone 66.
Athens	R. Earl	C.A. McCarthy	Sep. 23, 1954	6	10	41	41	"	D	Dug well 10; hard sandstone 50; soft sandstone 56.
<b>Bastard Twp.</b>										
Con I lot 2	W.J. Murphy	J.E. Murphy	Oct. 15, 1953	6	10	15	15	Fresh	D	Gravelly soil 5; soft blue limestone 45.
Con II " 12	D. McNamee	C.A. McCarthy	Apr. 20, 1953	6 1/2	10		13	"	D	Sandstone 39.
Con II " 17	G.H. Helms	"	May 23, 1953	6	5		15	"	D	Sandy clay 27; limestone and sandstone mixed 65.
Con II " 17	D. Lockebie	"	Sep. 23, 1953	6	10		10	"	D	Earth 2; soft sandstone 21.
Con II " 17	S.K. McBirnie	"	Sep. 2, 1954	6				"	D	Dug well 9; limestone 30; hard sandstone 70; soft sandstone 130. Dry hole.
Con II " 13	J. Stevens	"	Oct. 15, 1954	6	10	3	6	Fresh	D	Earth 11; sandstone 25.
Con II " 19	S.S. Scovill	"	May 13, 1953	6	4		Flows	"	D	Sandy clay 26; limestone 63.
Con II " 19	Vanluven	"	Aug. 7, 1953	6	10		7	"	D	Earth boulders 23; red sandstone 48.
Con II " 12	G. Hull	"	Nov. 17, 1954	5 1/2	15		11	"	D	Earth 2 1/2; limestone 47.
Con II " 20	Kotnawell & Perrin	"	Nov. 12, 1953	6	10	12	12	"	D	Dug well 3; blue clay 43; sandstone limestone layers 71.
Con II " 21	R. Graham	"	Sep. 22, 1953	6	5		40	"	D	Loose rock 3; hard limestone 70; sandstone 72.
Con II " 27	W. Meyers	"	Oct. 15, 1954	6	10	19	15	"	D,S	Earth 27; sandstone 51.
Con III " 1	B. Hanna	"	Jul. 9, 1954	6	10	40	38	"	D,S	Earth 3; limestone mixed with sandstone 54.
Con III " 9	H. Wood	"	May 26, 1953	6	10		10	"	D,S	Sandy loam 10; sandy sandstone 25.
Con III " 13	B. Bolton	"	Aug. 13, 1953	6 1/2	10	10	10	"	D,S	Previously dug and drilled 19; white sandstone 36.
Con III " 17	E. Jones	"	Aug. 28, 1953	6	10		8	"	D	Earth 8; sandstone 25.
Con III " 19	Kotnawell & Perrin	"	May 13, 1954	6	10	18	18	"	D	Clay loam 14; sandstone 36.
Con III " 19	" Perrin	"	May 15, 1954	6	10	19	19	"	D	Clay loam 16; sandstone 43.
Con III " 23	K. McVean	"	Oct. 11, 1954	6	10	14	12	"	D,S	Earth 10; sandstone 27 1/2.
Con IV " 22	B. Ferriman	"	Jul. 25, 1953	6	10	15	15	"	D,S	Previously dug and drilled 26; sandstone 44.
Con V " 10	T. Badore	"	Aug. 12, 1954	6	10	23	26	"	S	Dug well 4; reamed 34; sandstone limestone 41.
Con VII " 21	A. Wellows	"	Oct. 29, 1953	6	5		10	"	D,S	Sand 42; limestone 55.
Con VIII " 17	B. Woods	C.A. McCarthy	Sep. 16, 1954	6	10	36	34	"	D,S	Earth 6; sandy cracked rock 12; hard grey limestone 60; sandstone 73.
Con IX " 23	C. Sawyer	"	Jun. 10, 1954	6	20		3	"	"	Dug well 12; limestone 42; sandstone 47.
Con IX " 23	H. Russel	"	Oct. 6, 1954	6	10	7	5	"	D	Clay 8; hard sandstone 20.
Con IX " 25	"	"	Nov. 10, 1954	5 1/2	15	3	7	"	D	Earth 1; limestone 25.
Con IX " 25	"	"	Nov. 18, 1954	5 1/2	15	15	11	"	D	Loose limestone 10; limestone 46.
<b>Brockville</b>										
Brockville	P. Ferguson	R. Kenny	Oct. 28, 1954	6	17	6	6	Fresh	D	Loam 5; sandstone 53.
Brockville	C. Pleusket	"	Nov. 12, 1954	6	10	5	2	"	D	Clay 3; grey sandstone 40.
<b>Elizabethtown Twp.</b>										
Con I lot 2	D. Lewis	G.V. Little	Sep. 4, 1953	5 1/2	7	23	10	Fresh	D	Sandy loam 27; coarse grey sandstone 40.
Con I " 2	W. Shannon	"	Oct. 17, 1953	6	7 1/2	60	42	"	D	Clay loam 4; gravelly hardpan 30; grey limestone 70.
Con I " 2	J.S. Vincent	T.L. Davis	Aug. 19, 1954	6 1/2	8	34	32 1/2	"	D	Dug well 32; white sandstone 95 1/2.
Con I " 3	School	Plant Bros.	Apr. 30, 1953	6 1/2			12	"	P	Sand 1; hard grey limestone 54.
Con I " 3	Regent Refining	C.K. Morrison	Jul. 3, 1954	5	13	14	14	"	C	Limestone 20; sandstone 90.
Con I " 3	G. Clarke	"	Jul. 17, 1954	6	13	28	25	"	D	Clay 10; sandstone 62.
Con I " 3	R.L. Price	G.V. Little	Oct. 12, 1954	6 1/2	8	40	8	"	J	Clay loam 5; grey limestone 15; grey sandstone 60.
Con I " 4	J.E. Downey	C.V. Morrison	Jun. 23, 1953	6	7	40	30	"	P	Soil 10; hard sandstone 60.
Con I " 4	P. Haggarty	R. Kenny	Sep. 10, 1953	6	3 1/2	40	40	"	D	Clay 2; sandstone 51.
Con I " 4	W. Livingstone	G.V. Little	Dec. 29, 1953	5 1/2	7	48	6	"	D	Gravel fill 2; brown and grey sandstone 60.
Con I " 5	K. Corbett	"	May 20, 1953	5 1/2	10	40	21	"	D	Gravelly loam 4; grey sandstone 48.

## LEEDS COUNTY-cont.

## Elizabethtown Twp. cont.

Con I	lot 5	J. Eligh	Plant Bros.	Jun. 5, 1953	5	7	16	16	Green	J	Sand loam 2; hard limestone 40.
Con I	" 5	J. Morton	C.V. Morrison	Jul. 3, 1953	5½	7	60	50	"	J	sandstone 79.
Con I	" 6	S. Brian	Plant Bros.	May 14, 1953	5	2	42	10	"	J	Sand loam 7; granite 42.
Con I	" 6	S. Bryan	C.K. Morrison	Nov. 21, 1953	5½	3	55	55	"	J	Previously drilled 76; sandstone 120.
Con I	" 6	D. Ferguson	R. Kenny	Nov. 16, 1954	6	17	15	10	"	J	Clay 6; sandstone 47.
Con I	" 7	J. McGinnis	Plant Bros.	Feb. 18, 1953	5	7	6	6	"	J	Clay gravel 20; limestone granite 50.
Con I	" 7	L. Willies	"	Apr. 11, 1953	5	7	10	10	"	D	Sand loam 2; limestone granite 36.
Con I	" 7	Ried Burns	C.K. Morrison	Jul. 14, 1953	5	17	0	Flows	"	J	Clay 6; sandstone 36.
Con I	" 7	L. Brown	Plant & Rathwell	Jul. 28, 1953	5	7	15	15	"	J	Clay gravel 12; sandstone 47.
Con I	" 7	G. Hitegan	R. Kenny	Sep. 27, 1953	6			8	"	"	Dark brown loam 1; grey clay boulders 27; abandoned.
Con I	" 7	W.A. Ellis	G.V. Little	Oct. 2, 1954	6½	8	35	6	"	D	Clay loam 7; gravelly hardpan boulders 46; coarse grey sandstone 60.
Con I	" 8	H. Davis	T.L. Davis	Jul. 31, 1954	5	17		75	"	D	Previously drilled 104; sandstone 198.
Con I	" 12	Can. Petrofina	C.V. Morrison	Dec. 23, 1954	5	8	30	20	"	C	Soil fill 7; sandstone 56.
Con I	" 14	A. Reynolds	T.L. Davis	Sep. 1, 1953	5	8	18	18	"	"	Till hardpan 29; sandstone 62.
Con I	" 17	W. Bak	C.V. Morrison	Aug. 15, 1953	6	12½	20	12	"	D	Granite 55.
Con I	" 17	R.L. Price	G.V. Little	Jan. 30, 1954	6	1½	40	4	"	D	Clay loam 19; grey and red granite 45.
Con I	" 17	S. Ballantyne	"	Feb. 10, 1954	6	1	50	4	"	D	Clay 7; hardpan 28; crystallized granite 60.
Con I	" 18	J. Rainko	C.V. Morrison	Apr. 30, 1953	5	8	40	40	"	D	Soil 24; hard grey granite 90.
Con I	" 18	H. Lapp	C.K. Morrison	Jun. 30, 1954	4		7	5	"	J	Granite 101.
Con I	" 21	V. DeCarle	C.V. Morrison	Sep. 23, 1954	6	7	30	18	"	D	Soil 12; red granite 88.
Con I	" 24	I.M. Johnston	C.K. Morrison	Aug. 22, 1953	5	7	12	8	"	D	Till 8; red granite 28; sandstone 45.
Con I	" 25	J. Turner	C.V. Morrison	Aug. 21, 1954	6				"	"	Soil 1; limestone 50. Dry hole.
Con I	" 27	W. Sheridan	C.K. Morrison	Oct. 1, 1953	5	6½	14	10	"	D	Sand 20; sandstone 72.
Con I	" 27	G. Noce	"	Feb. 9, 1954	5	10	15	15	"	D	Sandstone 77.
Con I	" 28	A. Herbert	"	Jun. 1, 1953	5	5	12	8	"	D	Sandstone 55.
Con I	" 28	R. Saver	"	Jun. 5, 1953	5	8	5	5	"	D	Till 8; shaly sandstone 17; grey sandstone 54.
Con I	" 28	K. Donnelly	"	Feb. 25, 1954	5½			0	"	D	Clay 10; sandstone 40.
Con I	" 28	C. Dublow	H. Davis	Jul. 19, 1954	6	5	37	37	"	J	Clay 16; limestone 31; granite 67.
Con I	" 23	C. Wing	R. Kenny	Nov. 19, 1954	6	12	12	4	"	J	Sandy soil 2; limestone 48.
Con I	" 29	W.F. Leeder	C.K. Morrison	Sep. 18, 1953	5½	5	13	13	"	D	Previously drilled 30; sandstone 53.
Con I	" 29	W.G. Munro	G.V. Little	Oct. 9, 1953	6	3½	115	55	"	J	Clay loam 2; grey limestone 50; grey and black granite 130.
Con I	" 30	J. Duncan	C.V. Morrison	Feb. 24, 1953	6	6½	35	25	"	D	Soil 2; hard sandstone 60.
Con I	" 30	C. Brennan	C.K. Morrison	Sep. 15, 1953	5½	5	18	13	"	D	Till 2; sandstone 53.
Con I	" 30	C. Harper	G.V. Little	Mar. 19, 1954	6½	7	20	9	"	D	Clay loam 4; grey limestone 15; grey sandstone 43.
Con I	" 30	O. Miller	"	Aug. 12, 1954	6½	6	40	19	"	"	Previously drilled 30; dark grey sandstone 32.
Con I	" 31	Cnt. Dep. Hwys.	C.V. Morrison	Feb. 10, 1953	6	10	35	20	"	P	Sandy limestone 30; hard sandstone 63.
Con I	" 32	Long Beach Grill.	C.K. Morrison	May 10, 1954	5	12	45	40	"	D	Sandstone 76.
Con I	" 32	B.A. Oil Co.	"	May 22, 1954	5	13	50	45	"	C	Dug well 46; sandstone 75.
Con I	" 32	Dutch Church	C.V. Morrison	Jun. 29, 1954	6	17	20	16	"	P	Clay boulders 24; granite 102.
Con I	" 32	J. Porrester	G.V. Little	Oct. 25, 1954	5½	7	35	7	"	D	Clay loam 10; granite 50.
Con I	" 34	L. Coveau	C.V. Morrison	Jun. 8, 1953	6½	5	30	20	"	D	Soil 3; sandstone 47.
Con I	" 34	E. Newton	"	Jul. 24, 1953	6	5	40	30	"	D	Previously drilled 40; hard sandstone 60.
Con I	" 34	H.A. Stewart	C. Goodberry	Oct. 8, 1953	6½	20	16	16	"	D	Sandstone 80.
Con I	" 34	W.A. Elliot	G.V. Little	Aug. 17, 1954	6½	8	42	25	"	D	Previously drilled 32; dark-grey sandstone 60.
Con I	" 35	H. Eyres	C.V. Morrison	Oct. 3, 1953	6	6	22	22	"	D	Soil 1; sandy limestone 12; hard sandstone 57.
Con I	" 35	A. Balton	H. Davis	Oct. 16, 1954	5½	5	30	20	"	J	Sand 7; sandstone 50.
Con I	" 36	J. Collier	R. Kenny	Aug. 5, 1953	6	5	30	25	"	D	Sand 3; limestone 41.
Con I	" 36	C. Perry	"	Aug. 13, 1953	6	5	13	12	"	D	Sand 2; limestone 32; sandstone 58.
Con I	" 36	VanDer Velt	"	Aug. 23, 1953	6	5	12	10	"	D	Sand 2; limestone 22; sandstone 52.
Con II	" 2	A. Henderson	C.V. Morrison	May 26, 1953	5	8	35	25	"	In	Previously drilled 60; hard sandstone 80.
Con II	" 6	D. Metcalfe	Plant & Rathwell	Sep. 10, 1954	5			20	"	D	Clay boulders 34; grey limestone 54; quartz and limestone 68.
Con II	" 7	H. Stymest	R. Kenny	Aug. 26, 1953	6	5	7	6	"	D	Clay 5; limestone 36.
Con II	" 7	A.J. Bangma	"	Oct. 2, 1953	6	7	6	6	"	J	Clay 4; sandstone 35.
Con II	" 7	A. Morrison	G.V. Little	Jan. 9, 1954	6	7½	17	6	"	D	Clay loam 6; grey limestone 40.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LEEDS COUNTY-cont., Elizabethtown twp. cont.										
Con II lot 7	C. Blockland	H. Davis	Mar. 4, 1954	6	5	9	8	Fresh	D	Clay 13; limestone 35.
Con II " 11	J. Huechel	G.V. Little	Sep. 11, 1953	6	7	26	16	"	D	Dug well 14½; light-grey sandstone 40.
Con II " 11	R. Hamilton	C.V. Morrison	Oct. 11, 1954	6	17		47	"	D	Soil 47; sandstone 81.
Con II " 12	E. Lapointe	"	Jun. 2, 1953	6	7	30	20	"	D	Soil 1; sandstone 47.
Con II " 12	M. Williamson	"	Jun. 30, 1953	6	5	32	22	"	D	Soil 2; hard sandstone 55.
Con II " 12	G. Anderson	C.K. Morrison	Oct. 27, 1953	5	8	15	12	"	D	Clay hardpan 27; sandstone 57.
Con II " 12	T. Lapierre	"	Nov. 3, 1953	5	8	15	12	"	D	Clay hardpan 26; sandstone 54.
Con II " 12	J. Hanlon	R.H. Casselman	May 3, 1954	5	17	12	Flows	"	D	Top soil 3; till hardpan 6; broken sandstone 18; solid sandstone 41½.
Con II " 12	P. Johnson	C.V. Morrison	May 3, 1954	6	8	35	33	"	D	Soil 3; sandstone 67.
Con II " 12	L.S. Kirkby	R.H. Casselman	Jun. 21, 1954	5	7	25	9	"	D	Top soil 1; hardpan 2; sandstone 42½.
Con II " 13	S. Irvine	G.V. Little	Apr. 29, 1953	6	13	12	1	"	D	Clay loam 2½; grey limestone 20; yellowish limestone 42; grey sandstone 50.
Con II " 13	Salvation Army	C.V. Morrison	Jul. 8, 1953	6	7	30	15	"	P	Soil 13; hard sandstone 45.
Con II " 14	M. Summers	R.H. Casselman	Sep. 24, 1953	6	17	19	14	"	D	Top soil 6; till 8; sandstone 75.
Con II " 14	C. Kelly	G.V. Little	Feb. 22, 1954	6	7	14	4	"	D	Clay 4; hardpan 11; grey sandstone 30.
Con II " 14	E.L. Belmont	"	Mar. 1, 1954	6	7½	20	2	"	D	Clay 4; hardpan 10; grey sandstone 30.
Con II " 14	Salvation Army	C.V. Morrison	Mar. 6, 1954	6	8	25	15	"	P	Soil 15; sandstone 54.
Con II " 14	A.J. Kelly	G.V. Little	Mar. 11, 1954	6	6	25	2½	"	D	Sandy loam 6; hardpan 9; grey sandstone 35.
Con II " 14	W. Coville	H. Davis	Jul. 29, 1954	5½	5	15	12	"	D	Clay 13; limestone 33; sandstone 50.
Con II " 14	Innis Motors	T.L. Davis	Nov. 1, 1954	5	5	17	13	"	D,C	Soil shale 8; sandstone 43.
Con II " 15	J. Spies	G.V. Little	Jun. 30, 1953	6	5	36	14	"	D	Clay small boulders 22½; hard grey sandstone 50.
Con II " 15	J. Easter	R. Kenny	Jul. 13, 1953	6	5	22	16	"	D	Sand 2; limestone 40.
Con II " 15	J. Cattalier	"	Jul. 17, 1953	6	5	17	15	"	D	Sand 2; limestone 39.
Con II " 15	G. Brown	C.V. Morrison	Oct. 10, 1953	6	8	30	25	"	D,C	Soil 1; sandy limestone 10; hard sandstone 50.
Con II " 15	P. Moulton	C.K. Morrison	Dec. 9, 1953	6	5	77	18	"	D	Old well 53; sandstone 77.
Con II " 15	C. Root	C.V. Morrison	Aug. 25, 1954	6	12	15	15	"	D	Sandstone 52.
Con II " 16	W. Burns	"	Oct. 24, 1953	6	2	45	16	"	D	Soil 1; sandy limestone 11; sandstone 45.
Con II " 16	M. Hudson	"	Apr. 6, 1954	6	15	4	4	"	D	Clay 2; sandy limestone 47.
Con II " 27	D. Mott	G.V. Little	May 11, 1954	6½	13	20	10	"	D	Sandy loam 22; white sandstone 48.
Con III " 2	E. Simpson	H. Davis	Mar. 19, 1954	6	5	25	19	"	D,S	Clay 13; limestone 23; sandstone 53.
Con III " 6	D. Metcalfe	Plant & Rathwell	Sep. 19, 1953	5	7	9	9	"	D	Sand loam 5; limestone 51.
Con III " 15	N. Worden	H. Davis	Nov. 15, 1953	6	5	18	10	"	D	Sand 2; limestone 39.
Con III " 15	S. McClarry	"	Dec. 8, 1953	6	5	20	13	"	D	Sand 2; limestone 39.
Con III " 16	H. Jackson	C.V. Morrison	Apr. 14, 1954	5½	8	2	2	"	D	Soil 3; sandy limestone 41.
Con III " 16	R. Cattellier	H. Davis	Apr. 18, 1954	6	5	10	10	"	D	Sand 2; limestone 35.
Con III " 16	A. Borloz	"	May 7, 1954	6	5	15	12	"	D	Sand 2; limestone 37.
Con III " 16	L. Amyotte	"	Jun. 19, 1954	6	5	14	12	"	D	Sand 3; limestone 41.
Con III " 16	S. Spicer	C.V. Morrison	Oct. 15, 1954	6	10	30	20	"	D	Soil 2; limestone 15; sandstone 60.
Con III " 17	G. Vanderwerf	"	May 9, 1953	5	7	18	12	"	D	Rock 30.
Con III " 17	A. Darling	G.V. Little	Jun. 17, 1953	5½	10	8	Flows	"	D	Heavy clay 16½; hard grey sandstone 34.
Con III " 17	L. Easter	C.V. Morrison	Apr. 26, 1954	6	8	12	12	"	D	Soil 1; sandy limestone 35.
Con III " 18	H. Taylor	"	Mar. 30, 1953	5	5	45	35	"	D,C	Soil 1; sandy limestone 13; hard sandstone 60.
Con III " 18	W.R. Lock	"	Nov. 15, 1953	6	7	30	18	"	D	Soil 1; limestone 15; hard sandstone 78.
Con III " 19	L.R. Hughes	"	Jul. 20, 1953	6	7	35	30	"	D	Soil 2; limestone 15; hard sandstone 45.
Con III " 27	E. Williamson	G.V. Little	Jun. 9, 1953	6	5	115	59	"	D	Sandy loam 6½; brownish-grey limestone 75; grey sandstone 119.
Con III " 27	P. Willows	"	May 22, 1954	6½	12	40	40	"	D	Brown sandstone 35; white sandstone 71.
Con III " 29	J. Brooks	C.V. Morrison	Aug. 28, 1953	6	5	30	25	"	D	Soil 10; sandstone 50.
Con III " 30	W. Simpson	"	May 6, 1953	5½	3	15	15	"	D	Soil 2; sandstone 30.
Con III " 30	A. Olson	"	Aug. 22, 1953	6	7	18	10	"	D	Soil 3; sandy limestone 29.

## LEEDS COUNTY-cont.

## Elizabethtown Twp. cont.

Con III	lot 31	S. Andrews	C.V. Morrison	May 15, 1953	6	5	15	8	Fresh	D	Soil 4; sandstone 37.
Con III	" 31	D. McGeary	R. Kenny	Sep. 14, 1953	6	5	24	15	"	D	Clay 24; sandstone 65.
Con IV	" 6	W. Lee	C.K. Morrison	Jan. 16, 1954	5	10	25	18	"	D	Limestone 57.
Con IV	" 19	H.A. Tristram	G.V. Little	Apr. 4, 1953	6 1/2	10	30	10	"	D	Clay loam 3; grey limestone 34; grey sandstone 64.
Con IV	" 19	S. Irvin	H. Davis	Feb. 14, 1954	6 1/2	5	20	15	"	D	Sand 2; limestone 54.
Con IV	" 20	O. Boyce	C.V. Morrison	Sep. 19, 1953	6	5	17	14	"	D	Soil 5; sandy limestone 15; sandstone 42.
Con IV	" 21	G. Herema	"	Sep. 5, 1953	6	2	15	15	"	D	Soil 4; limestone 15; sandy limestone 48.
Con IV	" 21	C. Darling	"	Dec. 23, 1953	6	7	15	12	"	D	Soil 1; sandy limestone 47.
Con IV	" 21	H. Mulder	"	Aug. 26, 1954	6	7	15	15	"	D	Soil 3; limestone 64.
Con IV	" 22	E. Mortenson	"	May 10, 1954	6	8	20	20	"	D	Soil 2; sandstone 67.
Con IV	" 22	W. Gilroy	"	Sep. 1, 1954	6	2	52	18	"	D	Soil 2; limestone 52.
Con IV	" 30	M. Kavanaugh	G.V. Little	Nov. 6, 1954	6 1/2	7	35	6	"	D	Clay loam 5; grey sandstone 52.
Con V	" 6	F. Baine	H. Davis	Jun. 10, 1954	6	5	15	15	"	D	Clay 15; limestone 78.
Con VI	" 8	W.R.A.W. Rawley	G.V. Little	Dec. 8, 1953	6	13	40	18	"	S	Dark loam 4; grey limestone 40; grey sandstone 70.
Con VI	" 19	D. Landon	C.V. Morrison	Dec. 10, 1953	6	2 1/2	70	25	"	D	Soil 13; sandy limestone 85.
Con VI	" 28	N. Scott	G.V. Little	Apr. 9, 1954	6 1/2	5	20	10	"	D	Clay loam 2; grey limestone 26; grey sandstone 34.
Con VII	" 19	J.M. Bastein	C.V. Morrison	Mar. 22, 1954	5 1/2	15	25	23	"	D	Soil 10; limestone 65.
Con VII	" 37	A. Hunter	"	Jul. 27, 1954	6	7	15	15	"	D	Soil 2; sandstone 60.
Con VIII	" 35	C. Ross	"	Sep. 20, 1953	6	17	8	5	"	D	Sandy loam 4; limestone becoming sandy 33.
Con IX	" 18	J. Davis	H. Davis	Nov. 6, 1954	5 1/2	5	20	15	"	D,S	Clay 12; limestone 60.
Con IX	" 19	S. Hanna	"	Dec. 15, 1954	5 1/2	5	40	20	"	D,C	Sand 1; limestone 92.
Con IX	" 24	T. Stanistreet	R. Kenny	Jun. 29, 1953	5 1/2	5	36	30	"	D	Sand 2; limestone 71.
Con IX	" 28	K.H. Brayton	G.V. Little	Jan. 2, 1954	6	13	10	10	"	D,S	Clay loam 3; grey limestone 25.
Con X	" 37	School	"	Aug. 5, 1954	6 1/2	8	30	15	"	P	Clay loam 6; grey limestone 52.
Con XI	" 33	L. Barrington	J.E. Murphy	Sep. 16, 1953	6	5	60	12	"	D,S	Sand 2; blue limestone slaty rock 90.
Front of Lansdowne Twp.											
Con I	lot 16	K. Beaubeau	C. Goodberry	Apr. 28, 1954	6 1/2	5	25	8	Fresh	D	Blue clay 8; red granite 40.
Con I	" 17	C. Griswold	R. Kenny	Dec. 15, 1954	5	12	20	5	"	D,S	Granite 51.
Con II	" 10	W. Hinderson	C.A. McCarthy	Oct. 9, 1954	6	10	21	19	"	C	Earth 2 1/2; loose sandstone 10; hard sandstone 33.
Con II	" 16	I. Doak	C. Goodberry	Dec. 2, 1953	6 1/2	10	30	10	"	S	Clay 10; sandstone 39.
Con II	" 17	R. McNeil	J.M. Gates	Apr. 14, 1953	6 1/2	5		40	"	D	Surface clay 7; grey granite 38; white sandstone 50.
Con III	" 16	A. Everetts	C. Goodberry	Dec. 23, 1953	6 1/2	8	30	11	"	D	Clay 4; limestone 48.
Front of Leeds Twp.											
Con I	lot 2	L.B. Gohn	J.M. Gates	Jun. 26, 1953	6 1/2	3		3	Fresh	F	Mud 20; gravel 50; quicksand 60; sandstone 90.
Con I	" 6	C.B. Showler	C. Goodberry	Oct. 14, 1954	6	17	32	Flows	"	D	Clay with pebbles 32; grey granite 72.
Con I	" 20	School	W.H. Davy & Son	Mar. 18, 1954	6 1/2	10	38	18	"	P	Soft white sandstone 19; hard yellow and white sandstone 43.
Con I	" 21	E.R. Gensler	R. Kenny	Jul. 12, 1954	5 1/2	6	30	15	"	D	Loam 13; sandstone 47.
Con II	" 9	R. Dickson	W.H. Davy & Son	Mar. 24, 1954	6 1/2	10	18	3	"	D,S	Clay 4; grey and red granite 49.
Con III	" 9	J.C. Watson	J.M. Gates	Aug. 26, 1953	6	19	26	11	"	D	Clay 10; grey granite 32.
Con III	" 19	School	W.H. Davy & Son	Aug. 30, 1954	6 1/2	13	21	11	"	P	Grey and red granite 34.
Con IV	" 5	School	"	Dec. 12, 1953	6 1/2	23	12	4	"	P	Clay 16; red and grey granite 43.
Con V	" 2	T. Marshall	"	Jun. 15, 1954	6 1/2	13	60	18	"	D,S	Fine sand boulders 50; red granite 88.
Front of Yonge Twp.											
BF	lot 14	B. Lancaster	C.V. Morrison	Aug. 14, 1954	6	13	20	16	Fresh	D	Soil 14; granite 67.
BF	" 22	Ont. Dep. L. & P.	"	Jul. 12, 1954	6	13	25	20	"	D	Soil 11; granite 80.
BF	" 23	B. Lancaster	"	Aug. 2, 1954	5	13	20	18	"	D	Brown earth 15; granite 52.
Con I lot commons		J. Simpson	"	Jul. 31, 1953	6	8	18	14	"	D	Soil 5; red granite 32.
Con I	lot 22	P. Tennants	"	Jul. 16, 1953	5	6 1/2	32	22	"	D	Soil 16; red granite 47.
Con III	" 21	D. Warren	R. Kenny	Sep. 2, 1954	6	5	25	18	"	D	Sand 3; sandstone 50.
Con V	" 9	W. Welch	"	Aug. 25, 1954	6	17	30	30	"	P	Loam 4; sandstone 63.
Gananoque		H. Small	J.M. Gates	Jun. 8, 1953	6	6	20	10	Fresh	D	Clay 8; granite 60.
Gananoque		P.O. Conner	H. Davis	Oct. 18, 1953	6	5	14	13	"	In	Clay 7; granite 20; sandstone 76.
Gananoque		W. McLaughlin	C. Goodberry	Feb. 4, 1954	6 1/2	3		26	"	D	Cinder fill 5; red granite 108.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LEEDS COUNTY-cont.										
Kitley Twp.										
Con I lot 1	C.Hewitt	T.L.Davis	Oct.15,1954	5		Flows	Flows	Fresh	D	Soil 2;limestone 53.
Con I " 11	O.Rabb	J.E.Murphy	Jul. 2,1954	5½	3	50	37	"	D	Sand loose shale 6;hard blue limestone 68.
Con II " 21	B.Pye	C.A.McCarthy	Oct.31,1953	6	6		12	"	D	Earth 3;limestone 27.
Con III " 17	Schoel	C.K.Morrison	Mar.25,1954	5	10	25	25	"	P	Limestone 50.
Con IV " 5	D.Wallace	"	Oct.14,1953	5½	5	18	18	"	D	Previously drilled 33;limestone 71.
Con IX " 6	A.Morrison	G.V.Little	Jul.16,1954	6½	8	35	15	"	D	Clay loam 1½;grey limestone 37;grey sandstone 50.
Con IX " 8	C.Morrison	C.K.Morrison	Dec. 2,1954	4	5	24	20	"	D	Limestone 40.
Con IX " 18	W.Reynolds	G.V.Little	Jul.12,1954	6½	13	25	20	"	D,S	Dug well 17;grey limestone 37;grey sandstone 40.
Con IX " 20	G.Sands	C.K.Morrison	Feb.20,1953	5½	5	18	12	"	D	Loam 2;limestone 54.
Con IX " 21	G.Moran	C.V.Morrison	Sep. 1,1953	5	7	35	28	"	D	Soil 4;limestone 85.
Con IX " 28	P.Toxopeus	G.V.Little	Sep.15,1954	6½	7½	50	17	"	S	Clay loam 2;grey limestone 50;grey sandstone 80.
Con X " 20	J.Franks	C.K.Morrison	Mar. 9,1953	5	5	20	15	"	D	Loam 1;limestone 63.
Newboro										
	J.Weise	C.A.McCarthy	Dec.17,1954	6	10	20	12	Fresh	D	Earth 3;loose rock 24;limestone 40.
North Crosby Twp.										
Con I lot 21	L.Pagan	C.A.McCarthy	Oct. 3,1953	6	10		40	Fresh	D	Earth 4;limestone 57.
Con II " 5	A.Eagan	"	Aug. 8,1953	8	1	25	10	"	P	Dug well 15;red sandstone 25.
Con II " 18	H.Hagan	"	Nov.24,1954	5½	10	22	12	"	S	Granite 30.
Con II " 21	Sep.School	"	Oct. 2,1953	6	10		23	"	P	Earth 3;soft limestone 35.
Con IV " 1	G.Taylor	"	May 18,1954	6	10	13	13	"	D	Earth 3;sandstone 25.
Con IV " 23	M.Dart	"	Aug.17,1954	6	10		20	"	D	Earth 1;limestone 30;sandstone limestone 57.
Con V " 7	L.D.Grills	"	Sep.29,1953	6	10		48	"	D	Dug well 21;hard sandstone 58.
Con VII " 4	J.V.Kane	J.E.Murphy	Nov.21,1953	6	5	44	30	"	D,S	Dug well 16;red granite 55.
Con VII " 4	F.Green	"	Aug.10,1954	5½	5	30	12	"	D,S	Sand 13;granite 46.
Con VII " 12	H.Lynn	"	May 30,1953	5½	4	58	30	"	D	Sand 3;boulders 5;clay 8;shale limestone 11;blue limestone 65.
Rear of Escott Twp.										
Con X lot 24	L.Eyre	C.A.McCarthy	Feb. 2,1954	6	10		52	Fresh	D,S	Dug well 14;hard limestone 60;sandstone 70.
Con X " 2	J.Roddick	R.Kenny	Dec.29,1953	6	7	16	16	"	D	Loam 11;dark-red limestone 45.
Con XI " 1	M.Woods	"	May 18,1953	5½	5	13	8	"	D	Clay 5;limestone 81.
Con XI " 6	F.McMillan	"	May 29,1953	5½	5	40	25	"	D	Sand 5;granite 65.
Con XII " 24	W.E.Green	C.A.McCarthy	Jun.12,1954	6	10		50	"	S	Earth 1½;limestone 50;sandstone 76.
Con XIII " 12	R.Holliday	"	Nov.17,1953	5½	½	43	11	"	D	Previously drilled 24;sandstone 43.
Con XIII " 12	B.Craig	"	Nov.10,1954	5½	10	22	18	"	D	Sandstone 29½.
Rear of Leeds Twp.										
Con VII lot 3	H.D.Clark	J.M.Gates	Mar.26,1953	6	10	24	16	Fresh	D	Loam 17;blue clay 34;white sandstone 85.
Con VII " 4	G.C.Down	"	May 11,1953	6½	10		10	"	P	Clay 20;quicksand 30;sandstone 50.
Con VII " 4	S.Fire	W.H.Davy & Son	Aug.20,1954	6½	20	20	18	"	D	Sandy loam 6;white limestone 55.
Con VIII " 3	E.Free	R.Kenny	Dec. 5,1953	6	7	15	8	"	D	Brown clay 8;sandstone 30.
Con VIII " 4	H.Wilkinson	W.H.Davy & Son	Jun.18,1954	6½	20	35	28	"	D	Fine sand 4½;white limestone 70.
Con VIII " 4	K.Johnson	"	Aug.18,1954	6½	20	10	5	"	D	Sand 6;white limestone 52.
Rear of Yonge Twp.										
Con VIII lot 24	G.Hefferman	C.A.McCarthy	Jul.26,1954	6	10	30	30	Fresh	D	Dug well 5;whitish limestone 45;sandstone whitish limest.53.
Con IX " 16	R.Lang	"	Nov.29,1953	5½	10	31	31	"	D,S	Old well 41;white sandy limestone 87.
Con X " 1	H.L.Crosby	G.V.Little	Sep. 9,1954	6½	7	20	7	"	D	Clay loam 5;gravelly hardpan 10;light-grey limestone 30.
Con X " 14	C.D.Wright	C.A.McCarthy	Jul.17,1954	6	10	23	22	"	D	Earth 2;sand and loam mixed 70.
South Burgess Twp.										
Con II lot 10	W.Y.Denison	C.A.McCarthy	May 29,1953	6	3		10	Fresh	D	Sand clay 10;limestone 58.

## LEEDS COUNTY-cont.

South Crosby Twp.											
Con I	lot 7	S.C. Skoryna	C.A. McCarthy	Jun. 24, 1953	6	3	100	40	Fresh	D	Earth 2; red sandstone limestone 186.
Con I	" 22	E. Jones	"	May 26, 1954	6	10	25	25	"	D, S	Earth 2; loose sandstone 20; sandstone 51.
Con II	" 12	Rothwell/Perrin	"	Nov. 4, 1953	6	10	12	12	"	D	Dug well 3; sandy loam 30; sandstone 44.
Con II	" 12	O. Mustard	"	May 21, 1954	6	15	6	6	"	D	Red sand 32; sandstone 50.
Con II	" 13	Anglican Parsonage	R. Kenny	Oct. 7, 1953	6	5	40	20	"	D	Clay 7; red limestone 90.
Con II	" 22	H. Proud	C.A. McCarthy	Jul. 31, 1954	6	10	17	15	"	D	Dug well 21; sandstone 45.
Con II	" 23	School	"	Jun. 6, 1953	6 1/2	10	15	15	"	P	Earth 1; reddish sandstone 41.
Con III	" 12	Dr. Mills	"	Oct. 4, 1954	6	10	13	11	"	D	Earth 18; soft sandstone 43.
Con III	" 13	W. Jackson	"	Jun. 4, 1954	6 1/2	15	15	15	"	D	Earth 2; sandstone 32.
Con IV	" 9	School S. #10	J.E. Murphy	Feb. 20, 1953	6 1/2	2	40	12	"	P	Soil 3; sandstone 30; soft red rock 55; soapstone 65.
Con V	" 2	G. Martin	C.A. McCarthy	Oct. 22, 1953	6	10		39	"	D	Earth 12; limestone 65; hard rock 77; limestone 130; loose rock 134
South Elmsley Twp.											
Con II	lot 1	E.V. Hamilton	J.E. Murphy	May 25, 1954	5 1/2	5	31	13	Fresh	D	Clay boulders 22; blue limestone 73.
Con II	" 5	J. McKenna	"	Jun. 27, 1953	6 1/2	5	31	26	"	D	Gravel 10; quicksand 23; blue clay 31; blue limestone 46.
Con II	" 5	B.J. Miskelly	C.V. Morrison	Sep. 5, 1953	6	7	20	16	"	D	Loam 8; clay 25; hardpan boulders 34; limestone 63.
Con II	" 5	A.C. Gorham	J.E. Murphy	Aug. 4, 1954	5 1/2	4	45	10	"	D	Gravel boulders quicksand 28; blue limestone 52.
Con II	" 5	L. Sandison	"	Sep. 15, 1954	5 1/2	5	22	6	"	D	Gravel boulders quicksand 35; hard blue limestone 61.
Con II	" 6	D.M. Scott	C. Dufresne	Jul. 13, 1953	2	2	20	16	"	D	Gravel sand boulders 45; limestone 106.
Con II	" 6	F. Salmon	J.E. Murphy	Jul. 9, 1954	5 1/2	5	50	6	"	D	Clay boulders 5; gravel boulders 8; quicksand clay boulders gravel 70; blue limestone 86.
Con II	" 9	R. Smith	J.E. Murphy	Sep. 23, 1954	5 1/2	5	30	8	"	D	Dug well 13; sandstone 47.
Con II	" 17	G. Weekes	C.A. McCarthy	Dec. 22, 1953	6	10	28	24	"	D, S	Dug well 17; earth 22; hard limestone 44.
Con II	" 19	O. Covell	"	May 10, 1954	6	10	80	23	"	D, S	Clay loam 20; hard limestone 113.
Con II	" 22	K.A. Maily	J.E. Murphy	Aug. 6, 1954	5 1/2	3	50	30	"	D	Red sand 10; blue limestone 64.
Con III	" 3	School	"	May 9, 1954	5 1/2				"	P	Blue clay 11; shale 37; hard blue limestone streaks of sandstone 60
Con III	" 3	S. Best	"	Oct. 26, 1954	6	2 1/2	36	5	"	D, C	Shale 3; blue limestone 41.
Con III	" 4	Smiths Falls Golf, Country Cl	"	Jul. 15, 1954	5 1/2	10	12	6	"	P	Sand 3; blue limestone 100.
Con III	" 8	A. Allington	"	Jun. 3, 1953	5 1/2	5	33	20	"	D	Reddish sand 8; hard blue limestone 45.
Con III	" 9	J.F. Kelly	"	Jun. 13, 1953	5 1/2	3	65	60	"	D	Sand 2; shaly blue limestone 10; hard blue limestone 70.
Con III	" 9	"	"	Jun. 23, 1953	5 1/2	5	60	35	"	D	Grey dirt 8; hard blue limestone 77.
Con III	" 10	A. Edwards	C.V. Morrison	Jan. 15, 1953	5	5	40	30	"	D	Soil 1; sandy limestone 60.
Con III	" 12	S. Foster	"	Jan. 3, 1953	6	10	21	15	"	D	Soil 1; sandy limestone 47.
Con III	" 14	B. Christie	"	Oct. 20, 1954	6	12	14	14	"	D	Soil 1; sandstone 62.
Con IV	" 3	E.J. McEween	J.E. Murphy	Dec. 16, 1953	6	2	50	12	"	P	Dirt shale rock 10; blue limestone 57.
Con IV	" 3	D. Batchelor	"	Jun. 24, 1954	5 1/2	2 1/2	40	15	"	D	Gravel 6; sandstone 86.
Con IV	" 3	L. Nickoles	W.V. Nugent	Aug. 10, 1954	6 1/2	30	25	15	"	D	Sandy loam 8; sandstone 78.
Con IV	" 5	J. Dalgleish	J.E. Murphy	Nov. 18, 1953	6	5	43	40	"	D	Shale 3; blue limestone 58.
Con IV	" 20	D. Miller	C.A. McCarthy	Sep. 29, 1954	6	10	20	18	"	D	Earth 5; hard limestone 60; soft limestone 75; sandstone 81.
Con V	" 21	C. McCallum	"	Aug. 24, 1953	6	5		30	"	D	Hard limestone sand 51.
Westport		B. Blanchard	C.A. McCarthy	Jul. 10, 1953	6	10	20	20	Fresh	D	Earth 30; sandstone 46.
Westport		W.C. Whaley	"	Feb. 27, 1954	6	10		18	"	D	Earth clay sand 42; limestone 52; sandstone 56.
Westport		Presbyterian Church	"	Jun. 18, 1954	6	10	21	20	"	D	Dug well 23; grey clay 33; grey limestone 60.
Westport		T. Roberts	"	Jun. 18, 1954	6	1/2	61	31	"	D	Earth 3; grey clay 32; grey limestone 61.
Westport		A. Larsen	"	Aug. 16, 1954	6	10		14	"	D	Earth clay loam 37; sandstone 44.
Westport		E. Bottin	"	Sep. 6, 1954	6	10	20	20	"	D	Earth 12; sandstone 44.
Westport		E.T. Lovelace	"	Oct. 26, 1954	6	10	12	12	"	D	Earth 9; soft sandstone 12; sandstone 45.
LENNOX and ADDINGTON COUNTY:											
Adolphustown Twp.											
Con II	lot 19	G. Smith	G.H. Chalk Jr.	Nov. 17, 1953	6	10	50	20	Fresh	S	Clay 4; hardpan 28; hardpan boulders 31; grey limestone 60.
Con II	" 19	R. Melmine	"	Feb. 22, 1954	6	25	27	27	"	D, S	Clay 12; hardpan 40; grey limestone 57.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LENNOX and ADDINGTON COUNTY - cont.										
Adolphustown Twp. etc.										
Con II lot 19	G.R.Smith	G.H.Chalk Jr.	Feb. 27, 1954	6	16	60	25	Fresh	S	Clay 24; hardpan 32; grey limestone 50.
Con III " 21	W.Reynolds	"	Mar. 5, 1954	6	22	12	12	"	D	Boulder clay 21; grey limestone 50.
Con III " 22	"	"	Nov. 20, 1953	6	20	28	12	"	D	Clay 10; boulder clay 18; quicksand 21; limestone 50.
Con II " 22	R.Collins	"	Jun. 21, 1954	6	20	6	6	"	D	Boulder clay 18; gravel 27.
Con III " 31	W.Phillips	"	Apr. 19, 1954	6	14	45	5	"	D	Clay 4; grey limestone 45.
Con V " 13	J.Miller	G.S.Chalk Sr.	Sep. 4, 1953	6				"		Sand gravel 13; grey limestone 135. Dry hole.
Con V " 17	S.Spade	"	Aug. 10, 1953	6	5	51	12	"	D	Gravel 11; grey limestone 51.
Anglesea Twp.										
Con X lot 4	W.H.Hope	L.B.Macdonald	Jul. 23, 1954	6½	2½	63	32	Fresh	D	Sand 10; black granite 63.
Bath										
	P.Clarkson	W.H.Davy & Son	Jul. 20, 1953	6½		120	8	Fresh	P	Loam 13; limestone 120.
Camden Twp.										
Con I lot 32	G.Salsbury	V.N.Miller	Aug. 27, 1953	6	8	40	36	Fresh	D	Clay loam 4; grey limestone 86.
Con II " 14	S.Embury	"	Sep. 22, 1953	6	17	21	21	"	D	Clay 2; shale 12; grey limestone 37.
Con II " 17	W.Wager	"	Mar. 17, 1953	6	17	20	20	"	S	Limestone 75.
Con II " 44	N.Garrison	W.H.Davy & Son	Mar. 24, 1954	6½	10	10	10	"	D	Shale limestone 15; blue limestone 67.
Con II " 44	O.Brown	"	Mar. 27, 1954	6½	10	18	15	"	D	Blue clay 4; blue limestone 45.
Con II " 46	G.McFarlane	V.N.Miller	Mar. 10, 1953	6	8	11	10	"	D	Earth 5; limestone 40.
Con III " 3	S.Cement	R.C.Wales	Dec. 21, 1954	5½	7	7	7	"	S	Shale 8; limestone 40½.
Con III " 44	E.McQuay	V.N.Miller	Jan. 19, 1953	6	17	20	20	"	S	Clay 3; grey limestone 56.
Con IV " 5	R.Thompson	G.H.Chalk Jr.	Aug. 10, 1954	6	12	60	9	Sulphur	D	Grey limestone 60.
Con IV " 14	A.M.Hunt	V.N.Miller	Oct. 15, 1953	6	8	141	20	"	S	Soil 1; hard grey limestone 141.
Con IV " 14	"	"	Oct. 20, 1953	6				"		Hard grey limestone 60. Dry hole.
Con IV " 14	"	"	Oct. 25, 1953	6				"		Hard grey limestone 40. Dry hole.
Con IV " 14	L.Campbell	T.E.Richmond	Sep. 15, 1954	6½	½	108		"	S	Shale limestone 8; soft grey limestone 70; soft blue limestone 75; soft grey limestone 108.
Con IV " 44	E.Drew	V.N.Miller	Jan. 13, 1953	6	12	15	15	Fresh	P	Hardpan 27; limestone 32; heavy gravel 40.
Con V " 24	C.Flieler	"	Dec. 26, 1954	6	17	10	10	"	D	Red sand 8; grey limestone 36.
Con VI " 2	P.Deshane	T.E.Richmond	Aug. 15, 1953	6				"		Loam 1; hardpan boulders 5; soft grey limestone 51. Dry hole.
Con VI " 2	"	"	May 13, 1954	6	5		3	"	S	Previously drilled 51; hard grey limestone 69.
Con VI " 24	J.Hughes	V.N.Miller	Dec. 30, 1954	6	17	20	20	"	D	Sandy loam 22; grey limestone 40.
Con VI " 25	H.Pringle	"	Jun. 30, 1953	6	17	20	20	"	D	Clay 8; grey limestone 42.
Con VI " 25	S.Lockridge	W.H.Davy & Son	Aug. 12, 1954	6½	20	20	20	"	D	Clay 14; blue limestone 51.
Con VI " 31	H.Thompson	V.N.Miller	Jan. 29, 1953	6	17	25	20	"	D	Sandy loam 16; hardpan 21; limestone 51; granite 55.
Con VII " 2	M.McCutcheon	T.E.Richmond	Oct. 18, 1954	6½	3	37	0	"	S	Hard grey limestone 50.
Con VII " 38	O.Fenwick	L.B.Macdonald	Jan. 29, 1953	6½	1½	7	3	"	D	Clay boulders 12; granite 22.
Con VIII " 37	E.Wagar	"	Jan. 21, 1953	6½	8	24	24	"	D	Pit 7; clay hardpan 28; limestone 50.
Denbigh Twp.										
Con VIII lot 21	C.Hartman	V.H.Marquardt	Aug. 5, 1954	5	4	38	20	Fresh	D	Brown soil 48.
Con VIII " 21	Glasier's Store	"	Sep. 2, 1954	4	12	35	21	"	C	Brown soil 10; dark bedrock 192.
Con VIII " 22	E.Woll	"	Sep. 9, 1954	4	2	30	12	"	D	Brown soil 38½.
Effingham Twp.										
Con XIV lot 27	W.Smith	C.J.Praser	Jun. 26, 1953	6	10	60	20	Fresh	D	Sand 7; grey granite 60.
Ernestown Twp.										
Con I lot 10	C.Morrow	W.H.Davy & Son	Aug. 5, 1954	5½						Shale 6; limestone 23. Dry hole.
Con I " 14	H.Jones	V.N.Miller	Jul. 21, 1953	6			184	Salt		Clay loam 4; grey limestone 210.
Con I " 14	"	"	Jul. 27, 1953	6			15	Fresh	D	Clay loam 3; limestone 75.
Con I " 18	P.Praser	"	Oct. 22, 1953	6	17	35	30	"	D	Clay loam 8; gravel hardpan 18; hard brown limestone 44.

LENNOX and ADDINGTON COUNTY  
cont.

Ernestown Twp. cont.											
Con I	lot 18	P. Fraser	V.N. Miller	Nov. 5, 1953	6	17	22	22	Fresh	D	Clay loam 6; hardpan gravel 16; brown limestone 37.
Con I	" 18	C. Rickey	"	Nov. 10, 1953	6				"	C	Clay 3; grey limestone 86. Dry hole.
Con I	" 18	"	"	Nov. 15, 1953	6		9	9	"	"	Soil 3; grey limestone 40.
Con I	" 18	H. Vanelstine	V.N. Miller	Nov. 22, 1953	6	17	45	45	"	D	Soil 4; hard grey limestone 55.
Con I	" 18	A. Kennedy	"	Dec. 8, 1953	6			45	Sulphur	"	Soil 8; hardpan 19; grey limestone 65. Abandoned.
Con I	" 18	E. Switzer	G.H. Chalk Jr.	Aug. 14, 1954	6	4	29	9	"	D	Clay 2; grey limestone 29.
Con I	" 18	J. Vanelstine	"	Dec. 1, 1954	8	1	40	6	Fresh	D	Clay 1; grey limestone 40.
Con I	" 19	J. Franklin	V.N. Miller	Aug. 8, 1953	6	10	8	8	"	D	Earth 4; shaly limestone 6; hard grey limestone 42.
Con I	" 19	G. Franklin	"	Dec. 20, 1953	6				"	"	Soil 2; grey limestone 70. Dry hole.
Con I	" 19	G. Toms	"	Jan. 27, 1954	6			30	"	D	Loam 5; hard grey limestone 93.
Con I	" 19	Ont. Hydro Elec.	G.H. Chalk Jr.	Jun. 19, 1954	6	6	40	10	"	D	Clay 13; grey limestone 40.
Con I	" 19	C. Reilly	"	Jun. 16, 1954	6	1	60	10	"	D	Clay 3; grey limestone 60.
Con I	" 19	Bank/Montreal	W.H. Davy & Son	Sep. 17, 1954	5 1/2	10	20	12	"	D	Clay 10; limestone 75.
Con I	" 29	H. Hudson	"	Jul. 9, 1953	6 1/2	10	15	10	"	D	Shale 9; limestone 53.
Con I	" 29	"	"	Jul. 16, 1953	6 1/2	10	15	15	"	D	Shale 14; limestone 63.
Con I	" 29	R. Hartmann	V.N. Miller	Aug. 4, 1953	6	17	8	8	Sulphur	D	Hard brownish-grey limestone 60.
Con I	" 30	E. Hartnett	W.H. Davy & Son	Jul. 10, 1953	6 1/2	10	20	20	Fresh	"	Shale 9; limestone 45.
Con I	" 30	J. Biggood	"	Nov. 15, 1953	6 1/2	13	32	11	"	D	Sandy loam 3; blue limestone 45.
Con I	" 32	T. Andrea	"	Jul. 2, 1953	6 1/2	10	50	40	"	D	Shale 14; limestone 135.
Con I	" 32	W.M. Cleland	"	Oct. 28, 1953	6 1/2	10	35	25	"	D	Shale 12; limestone 88.
Con I	" 32	W. Heska	"	Apr. 13, 1954	6 1/2	8	115	80	"	D	Blue clay 4; blue limestone 137.
Con I	" 32	T. Andri	"	Jun. 28, 1954	6 1/2	17	85	80	"	D	Clay 3; blue limestone 129.
Con I	" 33	A. Downy	"	Jan. 15, 1954	6 1/2	7	140	30	"	D	Clay 4; blue limestone 140.
Con I	" 33	C.R. Holland	R.C. Wales	May 20, 1954	5 1/2	7	111	24	"	D	Loam 1; shale 15; limestone 111.
Con I	" 35	School S. #4	C. Goodberry	Apr. 14, 1954	6 1/2			135	Salt	"	Blue limestone 148. Abandoned.
Con I	" 38	D. Fowler	G.H. Chalk Jr.	Dec. 16, 1953	6				"	"	Grey limestone 70. Dry hole.
Con I	" 38	"	"	Dec. 22, 1953	6				"	"	Grey limestone 50. Dry hole.
Con I	" 40	Tatti Const.	L.B. Macdonald	Apr. 15, 1953	5 1/2	8	20	20	Fresh	D	Limestone 43.
Con III	" 26	R. Hartmann	V.N. Miller	Aug. 15, 1953	6		66	4	"	D	Hard grey limestone 66.
Con III	" 10	T. James	W.H. Davy & Son	Oct. 21, 1953	6 1/2	10	25	10	"	D	Clay 7; limestone 47.
Con III	" 11	R. Shaw	"	Aug. 3, 1954	5 1/2				"	"	Clay 10; limestone 100. Dry hole.
Con III	" 18	E. Mills	G.H. Chalk Jr.	Jul. 19, 1954	6	5	35	5	Sulphur	D	Clay loam 10; grey limestone 35.
Con III	" 29	W. Villineff	R.C. Wales	Oct. 22, 1953	5 1/2	1			"	D	Clay shale 3; hard blue limestone 60.
Con III	" 29	J. Derne	"	Nov. 24, 1953	5 1/2				"	"	Clay shale 4; hard limestone 123. Dry hole.
Con III	" 29	W. Lang	"	Mar. 29, 1954	5 1/2	3	34	5	Fresh	D	Clay shale 4; limestone 34.
Con III	" 29	H. Jansen	W.H. Davy & Son	Jul. 20, 1954	5 1/2				"	"	Shale 7; limestone 80. Dry hole.
Con III	" 29	L. Brooks	G.H. Chalk Jr.	Aug. 21, 1954	6	3	40	8	Sulphur	D	Grey limestone 40.
Con III	" 29	S. Fullerton	C. Goodberry	Sep. 3, 1954	6 1/2		100	80	"	D	Blue limestone 100.
Con III	" 39	D. Batson	W.H. Davy & Son	Dec. 14, 1953	6 1/2	5	64	12	Fresh	D	Clay 2; blue limestone 64.
Con IV	" 25	H. Macdonald	R.C. Wales	Nov. 10, 1953	5 1/2				"	"	Clay 4; shale 9; limestone 112. Dry hole.
Con IV	" 30	J. Potter	"	Mar. 4, 1954	5 1/2	1	26	4	"	D	Loam sand 3; limestone 26.
Con IV	" 30	"	"	Mar. 8, 1954	5 1/2				"	"	Loam sand 3; limestone 96 1/2. Dry hole.
Con IV	" 30	"	"	Mar. 10, 1954	5 1/2	1	34	4	"	D	Loam sand 3; limestone 34.
Con IV	" 31	R. Babcock	W.H. Davy & Son	Oct. 30, 1954	5 1/2				"	"	Loam 14; blue limestone 58. Dry hole.
Con IV	" 31	"	"	Nov. 3, 1954	5 1/2				"	"	Loam 18; blue limestone 40. Dry hole.
Con IV	" 32	J.C. Kennedy	"	Jun. 9, 1954	5 1/2				"	"	Limestone 60. Dry hole.
Con IV	" 32	"	"	Jun. 13, 1954	5 1/2				"	"	Blue limestone 50. Dry hole.
Con IV	" 32	G. Baird	"	Nov. 25, 1954	6 1/2				"	"	Clay 4; blue limestone 215. Dry hole.
Con IV	" 38	S. Beard	"	Oct. 6, 1954	5 1/2	10	30	18	Fresh	D	Clay 4; limestone 60.
Con V	" 14	H.A. Steveson	C. Goodberry	Nov. 27, 1953	6 1/2	7	40	15	Sulphur	D	Clay 12; limestone 65.
Con VI	" 12	J. McCormick	G.S. Chalk Sr.	Aug. 5, 1953	6	8	38	10	Fresh	S	Clay 20; grey limestone 38.
Con VI	" 39	L. Chiles	C. Goodberry	Aug. 26, 1954	6 1/2	20	30	19	"	D	Sandy loam 21; grey limestone 48.
Gore	" G	Radio Stn. CKWS	"	Aug. 14, 1954	6 1/2				"	"	Blue limestone 152. Dry hole.
Gore	" G	"	"	Aug. 25, 1954	6 1/2				"	"	Grey limestone 75. Dry hole.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LENOX and ADDINGTON COUNTY - cont.										
Napanee	J. Yates	V.N. Miller	Feb. 7, 1953	6	17	7	7	Fresh	D	Limestone 20.
Napanee	G. Gilbert	"	Mar. 27, 1953							Clay 5; limestone 90.
North Fredericksburg Twp.										
Con V lot 24	H. Dillenbeck	G.S. Chalk Sr.	Aug. 21, 1953	6	3	60	15	Fresh	S	Clay 13; grey limestone 60.
Con VII " 25	S. Anderson	G.H. Chalk Jr.	Oct. 9, 1954	6	20	18	18	"	D	Sand 16; grey limestone 50.
Con V A " 8	A.R. Sexsmith	"	Oct. 22, 1953	6				"	S	Clay 1; grey limestone 129. Dry hole.
Con V A " 8	"	"	Oct. 29, 1953	6	1	100	20	Sulphur	S	Clay 1; grey limestone 130.
Con V A " 8	C. Deline	"	Nov. 11, 1953	6	17	9	9	"	D	Clay 1; grey limestone 54.
Con V A " 12	J. Olson	G.S. Chalk Sr.	Aug. 14, 1953	6	10	47	22	Fresh	D	Gravel 9; grey limestone 47.
Richmond Twp.										
Con I lot 6	J. Smith	V.N. Miller	Jul. 2, 1953	6	1 1/2		15	Fresh	D	Clay loam 4; sandy clay 32.
Con II " 3	G. Dupre	G.H. Chalk Jr.	Jun. 12, 1954	6	25	50	50	Sulphur	D, S	Clay 6; grey limestone 141.
Con II " 4	G.H. Chalk	"	Mar. 11, 1954	6	25	47	47	Fresh	D	Clay 3; grey limestone 80.
Con V " 21	G. Hughes	T.E. Richmond	Sep. 25, 1954	6 1/2	5		15	"	In	Hardpan 4; sand boulders 15; hard grey limestone 40; hard brown limestone 45.
Con VI " 22	P. Dowling	"	Aug. 30, 1954	6	1 1/2	75	25	"	S	Clay loam 2; hard grey limestone 93; soft green limestone 95.
Con VII " 6	J.V. Jordan	"	Dec. 17, 1954	5 3/4	3	58	25	"	D	Loam 4; hard grey limestone 74.
Con VII " 15	A. Switzer	"	Nov. 30, 1954	6 1/2	2	49	6	"	D	Loam shale 1; hard grey limestone 64.
Con VII " 16	R. Baker	"	Jun. 16, 1954	6	2		30	"	S	Hard grey limestone 59; hard blue limestone 62.
Con IX " 21	T.E. Richmond	"	Apr. 1, 1954	6	10		8	"	S	Hardpan boulders 8; hard grey limestone 40.
Con IX " 21	W. South	"	Apr. 15, 1954	6	25		5	sl. Salt	D	Clay loam 4; hard grey limestone 62.
Con XI " 16	G. Allen	"	Dec. 31, 1953	6			42	Fresh	S	Loam 2; hardpan boulders 24; soft grey limestone 39; hard grey limestone 42; blue clay 43; hard grey limestone 78.
165 Sheffield Twp.										
Con IV lot 8	C. Dale	T.E. Richmond	Jan. 12, 1953	6			11	Fresh	D	Clay loam 8; red granite 17 1/2.
Con IV " 10	W. Ashton	L.B. Macdonald	Apr. 27, 1953	6 1/2	5	6	6	"	D	Clay 7; limestone 32.
Con IV " 10	A. Wright	"	May 16, 1953	6 1/2	8	6	6	"	D	Clay 6; limestone 32.
Con V " 7	H.A. Close	T.E. Richmond	Mar. 25, 1954	6	10		9	"	S	Clay loam 6; grey limestone 7; red granite 26.
Con V " 10	R. Embury	"	Jan. 3, 1953	6			16	"	D	Hardpan gravel 28.
Con VI " 4	J. Scanbin	L.B. Macdonald	Jan. 15, 1953	6 1/2	5	19	9	"	D	Hardpan 22; limestone 32.
Con VI " 5	W.O. Ware	W.H. Davy & Son	Jul. 27, 1954	6 1/2	13	65	36	"	D	Boulders fine sand 31; blue limestone 50; soft red and green granite 75.
Con VI " 5	O.H. Moss	"	Aug. 3, 1954	5 1/2	20	26	12	"	D	Sandy loam 4; blue limestone 47.
Con VI " 6	G. Hunt	L.B. Macdonald	Jul. 9, 1954	6 1/2	10	32	32	"	D	Clay 4; limestone 55; granite 64.
Con VII " 5	P.O. Ware	T.E. Richmond	Mar. 6, 1954	6				"	S	Gravel 28; hardpan boulders 36. Dry hole.
Con VII " 6	J. Anderson	L.B. Macdonald	Oct. 27, 1954	6	1	75	12	"	D	Clay hardpan 26; limestone 31; sandstone 75.
Con I " 9	J.D. Clarkson	R.C. Wales	Jul. 27, 1954	5 3/4				"	D	Clay 5; limestone 130. Dry hole.
Con II " 1	J.B. Storms	L.B. Macdonald	Jun. 25, 1953	6 1/2	1	90	80	Salt	D	Limestone 90.
Con III " 3	C. Cuthbertson	R.C. Wales	Jun. 7, 1954	5 3/4	1	73	7	"	D	Clay 2; limestone 73. Not used.
Con III " 3	M. Leslie	"	Jun. 15, 1954	5 3/4	7	35	5	Fresh	D	Clay 3; shale 6; limestone 68.
LINCOLN COUNTY.										
Caistor Twp.										
Con II lot 12	S. Sieler	E.A. Ricker & Son	Sep. 14, 1953	6 1/2	30	31	30	Fresh	D, S	Clay 45; hardpan gravel 50.
Con II " 21	C. Kezel	S.W. Merritt	Apr. 12, 1954	5 3/4	17	30	30	"	S	Clay 60; Niagara rock 62.
Con III " 29	T. Smith	"	Feb. 19, 1953	5 3/4	3	68	22	"	S	Clay 47; gravel boulders 53; rock 68.
Con III " 21	W. Young	"	Sep. 14, 1954	6 1/2	17	28	26	"	D	Clay 63; gravel boulders 70; gravel 93.
Con VI " 6	A. Griffin	E.A. Ricker & Son	Sep. 18, 1953	6 1/2	4	38	36	"	D, S	Clay 70; gravel hardpan 73; gravel 73 1/2.
Con VI " 7	H. Young	S.W. Merritt	Jul. 24, 1954	5 3/4	17	26	26	"	D	Clay boulders 61; grey shale 63.
Con VII " 8	C. Omara	"	Jul. 24, 1954	5 3/4	17	26	26	"	D, S	Clay boulders 58; Niagara rock 60.





# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LINCOLN COUNTY-cont. Grantham Twp.cont.										
Con I lot 3	D.Francis	Lounsbury & Sons	May 20, 1954	6½	5	45	17	Fresh	D	Sandy loam 22; blue clay 44; sandy clay 50; hardpan 57; red medina rock 63; red shale 65.
Con I " 10	Reid Bros.	"	Aug. 12, 1953	6½	10	45	22	"	D	Sandy soil 8; hard clay 18; soft blue clay 42; hardpan 54; red medina shale 56.
Con I " 11	W.G. Rogers	"	Sep. 8, 1953	6½		50	25	Salt	D	Hard clay 10; blue clay 42; blue clay little gravel 45; blue clay 50; hardpan 58; red medina rock 70.
Con I " 11	H.J. Howard	"	Aug. 7, 1954	5½	½	75	18	Fresh	D	Hard clay 18; blue clay 50; hardpan 58; red medina 75.
Con I " 16	M.Zahprchuk	W.L. Field & Son	Apr. 27, 1953	6	4	100	12	"	P	Brown sand 8; blue clay 40; blue slate 52; gravel sand 56; red shale 100.
Con II " 2	C.Huibers	Lounsbury & Sons	Aug. 27, 1954	6½	7	30	16	"	D, S	Black loam 2; hard brown clay 16; soft blue clay 32; grey very stony hardpan 41; red hardpan 46; red medina shale 65.
Con II " 8	R.Dunlop	"	Nov. 12, 1954	6½	5	10	10	"	D	Sandy soil 6; red sand 16; blue clay 48; grey hardpan 57; soft clay sand 67; red hardpan 72; red medina shale 81.
Con II " 10	Prt. Weller Dry Dock	"	Oct. 20, 1953	10	5	70	28	"	P	Hard clay 18; soft blue clay 51; stony hardpan 57; red medina hardpan 63; red medina rock 78.
Con III " 9	R.Meyers	"	Aug. 13, 1954	6½	3		18	"	D	Red sand 8; hard clay 19; soft blue clay 45; hard sand clay 57; red hardpan 64; red medina shale 87.
Con IV " 2	P.Bergman	"	Oct. 25, 1954	6½	1	72	18	"	D	Sandy top soil 5; hard stony clay 28; soft blue clay 44; very fine heaving red sand 68; red medina shale 72.
Con IV " 6	E.L. Mason	W.L. Field & Son	Jun. 19, 1954	6	20	30	19	"	D, S	Blue clay some stones 48; blue shale gravel 58; large stones 65; gravel sand 70; sand 80; fine sand 90; red shale 100.
Con IV " 8	T.Wormald	"	Dec. 7, 1953	6	1	15	15	"	D	Brown sand 8; blue clay 40; clay gravel 55; sand gravel 63; red shale 80.
Con IV " 9	M.Kotyk	Lounsbury & Sons	Nov. 5, 1954	6½	5	60	19	"	D	Sandy top soil 4; hard brown clay 36; hard sand small stones 47; grey hardpan 63; red hardpan 74; red medina rock 81.
Con V " 4	F.Wiens	"	Aug. 16, 1953	6½		80	15	Sl. Salt	D	Hard clay 10; blue clay 43; hard clay 50; blue clay 75; sandy gravel 85; hardpan 93; red medina rock 100.
Con VI " 5	K.Stokes	"	Mar. 10, 1953	6½	2	60	21	Salt	S	Hard clay 25; blue clay 63; gravel sand 78; red medina rock 100.
Con VII " 6	W.Bowman	"	Apr. 26, 1954	5½		130	42	Fresh	D	Hard clay 10; blue clay 80; fine sand 82; blue clay 92; hardpan 100; red medina rock 130.
Con VIII " 4	W.Jasovsky	"	Oct. 1, 1953	6½		80	25	"	D	Hard clay 10; blue clay 60; small stones 65; blue clay 77; fine sand 82; hardpan 95; red medina rock 97.
Con I " 14	Cdn. Legion	"	Jul. 5, 1954	5½		20	6	"	P	Large stones clay 8; limestone 25.
Louth Twp.										
Con II lot 3	W.Walchuk	Lounsbury & Sons	Dec. 15, 1954	6½	5	57	27	Fresh	D	Sandy loam 10; blue clay 60; sandy clay 75; coarse gravel 78.
Con III " 2	C.S. Reid	"	Nov. 21, 1953	5½	1½	80	36	Sl. Salt	D	Coarse gravel 6; blue clay 20; gravel stones 30; blue clay 73; fine sand 103; red medina rock 108.
Con III " 3	R.Knight	W.L. Field & Son	Aug. 20, 1954	6	10	30	28	Fresh	D	Brown sand 8; blue clay 50; blue clay stones 70; sand gravel 80; red shale 84.
Con IV " 1	Thompson Prod.	Lounsbury & Sons	Mar. 29, 1954	10	17	150	24	Sl. Salt	In	Hard clay 20; blue clay 35; hardpan 100; red medina rock 160.
Con IV " 15	H.Fulkerson	"	Dec. 30, 1953	5½	5	80	51	Fresh	D, S	Hard clay 20; blue clay 55; fine sand 60; blue clay 120; small stones 125; coarse gravel 128.
Con V " 19	A.Marsh	W.L. Field & Son	Dec. 8, 1953	7		10	10	"	D, C	Sandy loam 5; blue clay 14; red shale 110.
Con V " 19	W.Yauorshi	Lounsbury & Sons	Jun. 15, 1954	10	10	50	10	Salt	P	Large stones 12; hard clay stones 28; red hardpan 32; red medina rock 60.
Con VIII " 5	D.Battle	"	Aug. 1, 1953	6½	3		12	Fresh	D, S	Hard clay 8; soft clay 14; hard limestone 28; soft limestone shale 40.
Con VIII " 11	E.Durksen	S.W. Merritt	Sep. 3, 1954	5½	4	40	20	"	D	Clay boulders 34; limestone 60.
Merritton	E.Knight	W.L. Field & Son	Feb. 28, 1953	6½	10	10	10	Fresh	D, S	Blue clay 22; limestone 38.

LINCOLN COUNTY-cont.

Niagara Twp.

lot 27	Jewish Colonization of Can. R. Saunders	Lounsbury & Sons	Oct. 7, 1953	6½	2	80	17	Fresh	D,S	Sandy loam 20; blue clay 63; small stones 70; fine red sand 80; hardpan 92; red medina rock 106.	
lot 73	"	"	Dec. 5, 1953	5½	5	22	19	"	D	Hard clay 20; blue clay 50; fine sand 65; fine gravel 60; coarse gravel 70.	
lot 73	J. Radunsky	"	Jul. 24, 1954	6½	4	22	4	"	D,S	Hard clay 10; blue clay 40; fine sand 50; sand gravel 55; coarse gravel 60.	
lot 83	P. Stewart	W.L. Field & Son	Jun. 25, 1954	6				Flows	"	D,S	Blue clay 60; clay sand 70; clay gravel 80; gravel 83; red shale 85.
lot 84	School S. #6	"	Oct. 14, 1953	8			16	Salt	P	Blue clay 30; stones gravel 40; red shale 70.	
lot 87	J. VanGeest	Lounsbury & Sons	Apr. 3, 1954	5½	10			Flows	Fresh	D	Hard clay 10; blue clay 70; fine sand 75; sand gravel 82; coarse gravel 84.
lot 88	J. Krutaski	"	Aug. 13, 1954	5½	5	20	"	"	D,S	Hard clay 18; blue clay 50; sandy clay 87; fine sand 69; coarse gravel 90.	
lot 89	M. Przyk	"	Aug. 9, 1954	5½	2½	30	"	"	D,S	Hard clay 18; blue clay 58; fine sand 90; fine sand gravel 96; coarse gravel 98.	
lot 92	C.N. Simpson	"	Oct. 8, 1954	8			28	"	D	Red sand 34; limestone 40; red sandstone 57; limestone 64; white sandstone 69; limestone 82; red medina shale 87.	
lot 95	A. Turpin	W. Winger & Son	Jun. 9, 1954	6	1	100	38	Salt	"	Fill 2; brown clay 13; soft blue clay 41; hard clay stones 46; red shale 100. Abandoned.	
lot 117	I. Janzen	Lounsbury & Sons	Nov. 21, 1953	6½	8	21	12	Fresh	D,S	Sandy loam 10; blue clay 30; gravel sand 40; small stones 45; blue clay 55; sand 58; coarse gravel 60.	
lot 141	W. Maybon	"	Sep. 23, 1954	6½	1		57	"	D	Hard clay 18; soft blue clay 67; coarse gravel 91; red hardpan 100; red medina shale 105.	
lot 182	A. Lament	"	Nov. 20, 1954	6½	8	85	76	"	D,S	Hard clay 20; blue clay 55; fine sand 65; gravel 65; fine sand 90; coarse gravel 93.	
lot 185	P. Redikopp	"	Jun. 27, 1953	6½	5		16	"	D,S	Black sandy soil 3; red sand 8; blue clay 32; hardpan 41; red shaly hardpan 47; red medina 55.	
lot 190	A. Tobe	"	May 15, 1954	6½	17	20	9	"	D,S	Sandy loam small stones 10; blue clay 30; fine sand 35; fine sand gravel 38; coarse gravel 40.	
lot 191	T. McClelland	"	Jul. 2, 1953	8	5	10	10	"	D	Hard clay 4; stone large boulders 10; gravel 12.	
lot 191	D. McLeod	"	Jul. 27, 1953	6½	4	20	13	"	D	Rocks stones 27; gravel sand 29.	
lot 191	A. Werner	"	Jul. 28, 1953	6½	5	22	14	"	D	Sandy loam 8; blue clay 20; small stones 25; blue clay 35; fine sand 42; uniform gravel 45.	
lot 191	J. Schweitzer	"	Nov. 5, 1953	6½	5	15	10	"	D	Sandy loam 6; blue clay 20; fine sand 25; coarse gravel 30.	
lot 193	N. Pospiech	"	Aug. 3, 1953	6½	4	22	15	"	D,S	Hard clay 8; blue clay 38; fine sand 40; coarse gravel 41.	
lot 194	Can. Packers	"	May 15, 1953	10	15	50	14	"	In	Clay 3; hard sandy clay 6; hardpan stones 28; red shale hardpan 36; red medina 50.	
W.R. NPLCS	E. Podeluk	"	Oct. 15, 1953	5½	1½	40	17	"	D,S	Sandy loam 10; blue clay 32; fine sand 41; red medina rock 51.	
NPLCS	M. Past	"	Jan. 20, 1953	6½	2½	30	8	"	D	Sandy loam 8; small stones 30; hardpan 36; gravel 37; red medina rock 50.	
NPLCS	W.H. Hunter	"	Apr. 14, 1954	6½	3	50	10	"	D	Sandy loam 8; blue clay 35; hardpan 42; red medina rock 55.	
NPLCS	P. Nordheimer	W.L. Field & Son	May 10, 1954	6	20	15	10	"	D	Brown sand 10; clay gravel 20; sand gravel 36.	
NPLCS	H.M. Williams	"	Jun. 14, 1954	6	2½	15	15	"	D,S	Brown sand 10; blue clay boulder 30; blue clay streaks of sand 60; gravel 65; red shale 80.	
North Grimsby Twp.											
BP	lot 21	J. Cocker	S.W. Merritt	May 9, 1954	6	1	55	18	Fresh	D	Fine sand 20; brown clay sand 32; red shale 55.
Con I	" 18	J.W. Irish	W.L. Field & Son	Nov. 28, 1953	7			10	"	D	Red clay 20; red shale 32; gravel 33; red shale 37.
Con I	" 19	Sun Oil Co.	"	Nov. 16, 1953	6½			15	Salt	"	Red clay 3; blue clay 42; red shale 105.
Con II	" 12	R. Metcalf	S.W. Merritt	May 10, 1954	6½	13	20	8	Fresh	D	Clay 24; Niagara rock 30.
Con III	" 8	School S. #13	"	Sep. 14, 1954	6	5	40	30	"	P	Clay 39; Niagara rock 100.
Con III	" 8	T. Wisnoski	"	Dec. 8, 1954	6	1	75	32	"	D	Clay 31; limestone 75.
Con III	" 21	R. Vicors	"	Jun. 15, 1953	4½	1	65	27	"	D	Clay boulders 38; rock 65.
Con IV	" 6	P. Toporski	"	May 15, 1954	6	8	28	20	"	D	Clay 15; Niagara rock 39.
Con IV	" 12	M. Luciw	"	Dec. 23, 1954	6	17	20	8	"	D	Clay 33; Niagara rock 35.
Con IV	" 21	H. Jefferies	W.L. Field & Son	Nov. 14, 1954	6	10	20	4	"	D,S	Brown clay 6; blue clay 24; grey limestone 40.
Con V	" 4	A. Topajna	S.W. Merritt	Apr. 22, 1954	5½	17	14	2	"	S	Clay 7; boulders shale 10; rock 24.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
LINCOLN COUNTY-cont.										
South Grimsby Twp.										
Con A lot 16	R. Belac	S.W. Merritt	Jul. 28, 1954	6	13	21	20	Fresh	D	Clay 17; Niagara rock 32.
Con A " 18	D. Gordon	"	Mar. 15, 1954	5 1/2	12	25	20	"	D	Clay 18; gravel boulders 26; Niagara rock 35.
Con VII " 5	J. Turczan	"	Jun. 23, 1954	5 1/2	17	12	6	"	D, S	Clay 18 1/2; Niagara rock 24.
Con VII " 9	A. Derksen	"	Nov. 26, 1954	6	17	16	10	"	D	Clay 21; Niagara rock 24.
Con VII " 10	J. Fulford	"	Feb. 10, 1953	5 1/2	15	20	18	"	S	Clay gravel 34; rock 37.
Con VII " 14	E. Jones	"	Aug. 8, 1954	5 1/2	17	8	8	"	D	Clay 40; gravel boulders 42; Niagara rock 49.
Con VII " 16	L. Thomas	"	Sep. 24, 1953	6 1/2	17	15	14	"	S	Clay boulders 30; rock 35.
Con VII " 16	C. Hysert	"	May 8, 1954	4 1/2	17	20	17	"	D	Clay 40; Niagara rock 46.
Con VII " 18	V. Hunter	"	May 19, 1954	5 1/2	15	18	16	"	D	Clay 40; gravel boulders 42; Niagara rock 46.
Con VII " 23	L. Jacobs	"	Sep. 12, 1953	5 1/2	7	15	8	"	D	Clay 14; rock 20.
Con VIII " 8	L. Culp	"	Nov. 13, 1953	6 1/2	17	36	36	"	S	Clay 9; Niagara rock 60.
Con VIII " 16	J. Penrose	"	Sep. 20, 1954	5	17	28	26	"	D, C	Clay 22; shale 24; Niagara rock 33; gravel 34; Niagara rock 42.
Con VIII " 17	T. Richards	"	Jan. 14, 1953	5 1/2	8	25	15	"	D	Clay boulders 17; Niagara rock 36.
Con VIII " 17	"	"	Sep. 5, 1953	4 1/2	13	22	14	"	D	Clay boulders 16; rock 37.
Con VIII " 17	"	"	Dec. 30, 1953	5	12	24	16	"	D	Clay boulders 18; Niagara rock 38.
Con VIII " 17	"	"	May 18, 1954	6	17	18	8	"	D	Clay 18; shale 20; Niagara rock 29.
Con VIII " 40	T. Birech	"	Sep. 8, 1953	6	5	15	13	"	D	Clay 18; rock 20.
Con IX " 7	G. Adams	"	Aug. 18, 1954	6	13	30	28	"	D	Clay 13; shale 15; Niagara rock 42.
Con IX " 9	J. Pertok	"	Jul. 28, 1954	6	17	10	10	"	C	Clay 20; shale 22; hard grey rock 30.
Con IX " 14	J. Ficher	"	Nov. 8, 1954	6 1/2	17	26	23	"	S	Clay 28; boulders gravel 32; gravel 34.
Con IX " 16	F. Voll	"	Aug. 13, 1954	6	17	22	18	"	D	Clay 33; Niagara rock 38.
Con IX " 17	A. Oaks	"	May 30, 1953	5 1/2	7 1/2	24	6	"	C	Clay 12; gravel boulders 16; rock 34.
Con IX " 19	C. Februs	"	Jan. 3, 1954	6 1/2	10	25	20	"	P	Clay 23; Niagara rock 35.
Con IX " 22	J. Butrum	"	Sep. 8, 1953	6	17	12	10	"	S	Clay 19; rock 23.
Con IX " 30	W. McKinnell	"	Sep. 3, 1954	5	7	30	15	"	D, S	Clay 10; shale 13; mud 15; Niagara rock 46.
E.G. " R	K. Juhlke	W.L. Field & Son	Jun. 10, 1953	6 1/2	5	12	10	"	D, S	Brown clay 3; blue clay 10; limestone 45.
MANITOULIN DISTRICT										
Allan Twp.										
Con VII lot 18	C. Robertson	R. Marshall	Jun. 29, 1953	5	5		24	Fresh	S	Gravel sand 29; broken rock 36.
Con VII " 18	School	"	Sep. 25, 1953	5	5		23	"	P	Clay small stones 32; gravel 33.
Con IX " 29	R. Wright	"	Oct. 15, 1954					"		Brown clay boulders 35; very soft shale 60. Dry hole.
Assignack Twp.										
Con I lot 54	J. Tilston	R. Marshall	Oct. 22, 1954	5	1/2	44	Flows	Salt	D	White clay 7; blue shale 44.
Bidewell Twp.										
Con VI lot 21	R. Bullas	R. Marshall	Jul. 3, 1954	5	1 1/2		50	Fresh	P	Grey limestone 45; blue shale 75.
Burpee Twp.										
Con III lot 36	P. Harper	R. Marshall	Jul. 4, 1953	5	5		35	Fresh	D	Sand 6; grey limestone 86.
Con VII " 35	C. Middaugh	"	Jul. 24, 1954	5	5	27	27	"	D	Fine sand 26; coarse gravel 34.
Con VIII " 11	Pentecostal Church	"	Oct. 19, 1953	5	3		35	"	D	Sand 3; grey limestone 58.
Campbell Twp.										
Con II lot 20	School S. #2	R. Marshall	Aug. 12, 1954	5	1/2	91	45	Fresh	P	Earth shale rock 4; grey limestone 91.
Con II " 24	C. Doetsch	"	Aug. 29, 1953	5	4		22	"	P	Sand 10; grey limestone 39.
Con II " 24	J. Graham	"	Jun. 1, 1954	5	5	25	10	"	P	Sand 24; coarse gravel 36.
Con VII " 25	E. Lewis	"	Nov. 13, 1954	5	5	40	35	"	S	Sandy clay 6; grey limestone 64.
Con X " 7	G. Hartley	"	Jun. 18, 1953	5	5		14	"	D	Clay sand 16; grey limestone 28.
Con X " 7	C. Galbraith	"	Feb. 4, 1954	5	5	24	7	"	S	Old well 14; blue clay stones 39; limestone 75.
Con X " 19	S. Sloss	"	Jun. 12, 1953	5	4		12	"	S	Clay 2; grey limestone 71.
Con XII " 14	R. Galbraith	"	Sep. 3, 1954	5	4		4	"	S	Brown clay 17; grey limestone 60.
Con XIII " 2	A. Dryden	"	Aug. 25, 1954	5	5		12	"	S	Yellow clay 4; grey limestone 23.

MANITOULIN DIST.cont.

Carnarvon Twp.

Con III	lot 17	L.J.Caddel	R.Marshall	Oct.26,1953	5	8		Flows	Fresh	P	Blue clay 16;grey limestone 24.
Con III	" 23	F.Wagg	"	Sep.27,1954	5	3	35	"	Sulphur	D	Sand rock 18;grey limestone 25;blue shale 44.
Con III	" 26	P.Hubbert	"	Sep.23,1954	5	3	62	30	Fresh	D	Dug 20;grey limestone 62.
Con IV	" 2	M.VanHorne	"	Aug.20,1954	5	5		40	"	S	Grey limestone 79.
Con IV	" 20	A.J.Hare	"	Sep.18,1954	5	2	64	30	"	C	Broken shale rock 9;grey limestone 64.
Con V	" 20	E.Lovelace	"	May 30,1953	5	5		21	"	C	Clay quicksand 18;grey limestone 40.
Con V	" 20	R.Cooper	"	Oct. 2,1954	5	5	18	10	"	D	Brown sand 10;grey limestone 24.
Con VI	" 21	D.Taylor	"	Aug.18,1953	5	2		35	"	S	Grey limestone 88.

Dawson Twp.

Con XII	lot 25	N.Kelly	R.Marshall	Oct.13,1954	5	5		55	Fresh	D	Broken rock clay 25;shale 73.
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Gordon Twp.

Con III	lot 22	F.Johnston	R.Marshall	Jul. 7,1954	5	5		10	Fresh	P	Brown clay 14;shale 22.
E.R.	" 4	C.Woodroffe	"	Sep.28,1953	5	3		14	Sulphur	D	Clay small stones 18;shale rock 22.

Robinson Twp.

Con VIII	lot 20	B.Cook	R.Marshall	Oct. 7,1953	5	3		60	Fresh	D	Blue clay boulders 78;grey limestone 110.
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Sandfield Twp.

Con I	lot 15	L.Turnbull	R.Marshall	Jul.15,1954	5	5		20	Fresh	D,S	Brown clay 10;quicksand 30;grey limestone 37.
Con V	" 6	M.Brennan	"	Nov. 6,1953	5	5		30	"	P	Broken rock stones 7;grey limestone 78.
Con X	" 26	E.K.Kamp	"	Jul.15,1953	5	4		50	"	D	Clay boulders 5;grey limestone 67.

Sucker Creek

Indian Reservation

School		R.Marshall		Jun.24,1953	5	5		30	Sulphur	P	Brown clay 12;blue shale 65.
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Tehkumma Twp.

Con III	lot 11	E.Freeman	R.Marshall	Jun.21,1954	5	5	55	52	Fresh	D	Gravel boulders 25;blue clay small stones 47;grey limestone 91.
Con VI	" 4	J.Wilson	"	Oct.26,1954	5	5	20	14	"	S	Brown clay 3;grey limestone 35.
Con XII	" 11	A.Brown	"	Nov. 8,1954	5	5	25	18	"	D	Broken rock 4;grey limestone 44.

MIDDLESEX COUNTY

Adelaide Twp.

ERN Con III	lot 5	School S.#9	A.A.Heal	May 3,1954	4	1	100	3	Fresh	P	Top soil yellow clay 12;blue sandy clay 21;sand streaks blue clay 35;sandy clay 41;very fine sand 44;sandy clay 101;hardpan 103;soft limestone 105.
ERN Con III	lot 7	C.Arrond	"	Apr.17,1954	4	1	165	50	"	D,S	Top soil sandy clay 18;gravel fine dirty sand 62;sandy clay 80;muddy coarse sand 83;hard sandy clay 119;hard gravelly clay 120;hard sandy clay 133;soft sandy clay 138;fine dirty sand 148;hardpan clay gravel 163;soft limestone streaks 171.
ERN Con III	lot 11	E.McKeen	Wards WaterSupply	Mar.31,1953	2	4		40	"	D,S	Clay some stones 39;hardpan 41;fine sand 47.
ERN Con IV	" 5	E.Herrington	A.A.Heal	Apr.26,1954	4	2 1/2	104	4 1/2	"	D,S	Top soil gravel sand 13;hard sandy blue clay 30;soft sandy blue clay 38;sandy blue clay 60;hard blue clay stones 66;clay sand streaks 75;soft blue clay 101;fine dirty sand 104;hardpan 108.
ERN Con IV	" 8	E.Murray	"	Apr.29,1953	4	4		45	"	D,S	Top soil yellow clay 14;hard blue clay 70;hardpan clay gravel 75;fine sand 81;clay fine sand 83.
ERS Con I	" 11	C.W.Nichols	Demaray/Nichols	Sep.18,1954	2	4	25	20	"	D	Clay 22;sand 42.
ERS Con I	" 31	R.Wilton	Wards WaterSupply	Sep.12,1953	2	8	30	20	"	D	Clay 38;fine sand 48.
ERS Con II	" 11	J.Hoefnagles	S.Earl	Jul.12,1954	2	1 1/2		30	"	D,S	Clay 52;sand clay 92;sand 97.
ERS Con III	" 19	A.Wright	Wards Water Supply	Sep.15,1953	2	4	65	60	"	D,S	Clay 66;hardpan 68;fine sand 80.
ERS Con III	" 21	M.Cuddy	A.A.Heal	Apr. 7,1954	4	12	34	22	"	D,S	Top soil sandy red clay 18;red sand 19;hard red sandy clay 31;red sand 37;clean sand 44 1/2.

Ailsa Craig

		G.Hodgins	Gooding/Pedlar	Jul.23,1953	4	5	55	50	Fresh	D	Red clay 4;blue clay boulders 70;blue clay streaks hardpan boulders 95;shale 100;limestone 109.
Ailsa Craig		A.Zavitz	"	Oct.17,1953	4	5	10	10	"	D	Blue clay 85;shale 93;limestone 125.
Ailsa Craig		A.Bridgette	Schenk Bros.	May 28,1954	4 1/2	7	15	15	Sulphur	D	Clay boulders 30;clay 78;hardpan 84.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY-cont										
Biddulph Twp.										
Con I lot 26	School S. #12 and 4	G.L.Davidson	Mar.31,1953	4	6	132	132	Fresh	P	Clay 30;till 52;sand gravel 124;quicksand 157;shale 171; hard grey rock 190.
S.B.C. " 1	W.Kofrichter	P.B.Davidson	Oct.10,1954	4	5	230	225	"	P	Clay 36;sand 44;hardpan 95;clay 135;hard clay stones 152; shale rock 160;hard rock 190;soft rock 250.
Caradoc Twp.										
Con III lot 21	C.Mostry	Ward's Water Supply	Apr.10,1953	2	2	15	15	Fresh	Ir	Black sand 2;red sand 17;fine gravel 21.
Con III " 21	"	"	Apr.10,1953	2	2	15	15	"	Ir	Black sand 2;red sand 17;fine gravel 21.
Con III " 21	"	A.A.Heal	Mar.22,1954	2	5	33½	31½	"	Ir	Top soil dirty sand 24;clean sand 30;sandy clay streaks dirty sand 85;clean fine sand 92.
Con VI " 22	F.Henderson	Wards Water Supply	Oct.24,1953	2	5	15	11	"	D,S	Loam 15;sand 28;fine sand 36.
LRN RI " 23	D.Frederickson	S.Earl	Nov.27,1954	3½			75	"		Red sand 16;clay 107;till fine gravel sand 112;grey shale 141. Abandoned.
Delaware Twp.										
B.F. lot D	C.Piete	W.B.Dale	Aug. 5,1953	4	5	120	90	Fresh	D	Clay stones 50;sand 65;hardpan 120;dirty sand 123;hardpan 146;dirty sand 148;hardpan 182;slate sand.
East Williams Twp.										
Con XI lot 3	H.Watson	Schenk Bros.	Sep.10,1954	4	6	114	107	Sulphur	D,S	Yellow clay 70;gravel clay 90;blue clay 187;quicksand 192; blue clay 241;limestone 252.
Erkfrid Twp.										
Con II lot 13	W.Laughton	W.J.George	Sep.15,1953	5	6	38	26	Fresh	D	Clay 10;sand 12;clay 28;sand 33;clay 73;sand 95;orange sand 101;clay 140;black gravel 142.
LRN RI " 1	Cdn.Oil Co.	Brodie & Dennis	Mar. 6,1954	6½	2	181	6	Sulphur	C	Fill 4;fine sand 14;clay 60;fine sand 123;fine gravel silt 125;clay 163;silt fine sand 172;soft black shale 181.
Lobo Twp.										
Con I lot 6	G.Wales	W.B.Dale	Aug. 7,1953	4	6	14	12	Fresh	D,S	Dug well 18;hardpan 21;gravel 26.
Con I " 11	C.B.Hunt	I.Lounsbury	Jan. 6,1954	5½	8	90	50	"	D	Clay 89;gravel 90;sand 120;hardpan 184;gravel 185.
Con II " 6	Master Feed Co	Johnston Well Drillers	Mar.10,1954	5	5	40	40	"	P	Gravel fill 3;red clay 8;blue clay 40;muddy silt 58;gravel hardpan 118;gravel 128;gravel hardpan 130.
Con II " 7	American Agricultural Chemical Co.	International Water Supply Ltd.	Aug.27,1954	5½					T	Brown sandy clay 10;hard sandy grey clay 34;grey clay silt 49; hard cemented fine gravel 50;fine very dirty sand with silt 60;sandy grey clay hard streaks of fine gravel 80;hard cemented dirty fine gravel with clay 88;fine very dirty grey sand 97; hard cemented fine gravel 98;sandy grey clay,hard streaks of fine gravel 103;grey clay hard-packed fine gravel 163½.
Con II " 7	"	"	Sep. 3,1954	5½					T	Brown sandy clay 10;sandy grey clay hard streaks of fine gravel 34;grey clay silt 80;sandy grey clay hard streaks of fine gravel 175;sandy grey clay hard streaks of fine sand 181.
Con II " 7	"	"	Sep.17,1954	5½					T	Brown sandy clay 10;hard sandy grey clay 34;grey clay silt 49; hard cemented fine gravel 50;fine very dirty sand with silt 60;sandy grey clay hard streaks of fine gravel 80;hard cemented dirty fine gravel with clay 88;fine grey sand,very dirty silt 97;hard cemented fine gravel 98;sandy grey clay hard streaks of fine gravel 103;hard sandy grey clay 144.
Con II " 9	R.Ager	I.Lounsbury	Jul.14,1954	5½	10	80	41	Fresh	D	Blue clay 33;sand clay 40;hardpan 72;hardpan stones 82;sand 83;hardpan 114;gravel 120;sand 124;gravel 125.
Con III " 10	D.McIntyre	W.B.Dale	Aug.24,1954	6	5	42	30	"	D	Sand gravel 11;clay 60;soft clay 68;sand 69.
Con IV " 7	G.Hicks	"	Aug.10,1953	4						Clay stones 50;yellow sand 52;clay 81;yellow sand 82;clay stones 92. Dry hole.
Con IV " 7	J.Hicks	I.Lounsbury	Jul.22,1954	5½	12	76	66	"	D	Blue clay 70;fine sand 89;coarse sand 90.
Con IV " 12	J.Arnold	H.Siegrist	May 2,1953	4	2	8	8	"	D	Top soil 2;brown clay 10;blue clay 25;grey sandy clay 52; gravel 53.
Con VI " 9	L.Caughlin	Wards Water Supply	Jun.14,1954	2	8		12	"	D,S	Clay stones 27;fine sand 44.
Con VI " 9	H.Austin	"	Aug.17,1954	2	2½		15	"	D	Clay 32;fine sand 35;sand 40.

## MIDDLESEX COUNTY-cont.

Lobo Twp.cont.											
Con VIII	lot 7	Community Hall	Wards Water Supply	Apr. 15, 1954	2	10		15	Fresh	P	Surface clay loam 4; gravel 10; clay stones 27; coarse sand 37.
Con IX	" 11	J. Dale	"	Sep. 24, 1954	2	3		60	"	D,S	Surface clay 15; blue clay 60; sandy clay 87; hardpan 91; fine sand 98.
Con X	" 5	G. Treharne	"	Sep. 7, 1953	2	7	100	90	"	D,S	Clay 95; hardpan 100; fine sand 118.
Con X	" 9	R. Bycraft	"	Apr. 20, 1953	2	6	30	30	"	D	Clay 53; hardpan 55; coarse sand 64.
Con X	" 12	C. Vollick	"	Apr. 6, 1953	2	8	10	10	"	D,S	Clay 50; hardpan 60; sand coarse gravel 65.
Con XI	" 17	F. Grieve	H. Siegrist	Jul. 27, 1953	4	8	10	7	"	D,S	Top soil 2; blue clay 18; hardpan 30; gravel 47.
Con XII	" 12	School S. #5	Wards Water Supply	Apr. 22, 1954	2	8		13	"	P	Clay quicksand 117; fine gravel 120.
Con XIII	" 7	R. McLellan	"	Sep. 29, 1954	2	2		40	"	D,S	Clay stones 15; blue clay 45; quicksand 55.
Con XIII	" 11	W. Daniels	"	Oct. 17, 1953	2	8	20	20	"	D,S	Gravel 5; clay 27; fine sand 40.
London Twp.											
Con A	lot 3	H. Dennis	W. B. Dale	Dec. 9, 1954	4	4	17	13	Fresh	D	Dug well 17; blue clay stones 33; sand gravel 57.
Con A	" 6	K. Pink	I. Lounsbury	Jun. 24, 1953	4	2 1/2	41	30	"	D	Brown sand 30; hardpan 70; gravel 72.
Con B	" 7	J. McGregor	Johnston Well	May 13, 1954	4	4	38	32	"	D	Clay 2; gravel 28; blue clay 96; gravel 100.
Con B	" 7	"	" Drillers	Jul. 1, 1954	4	4	38	32	"	D	Gravel 28; blue clay 94; gravel 98.
Con B	" 7	J. Wilson	"	Sep. 29, 1954	4				"		Top soil 2; gravel 32; stony blue clay 75; compact coarse gravel 80; blue clay boulders 122; grey limestone 123. Dry hole.
Con B	" 7	J. A. McGregor	"	Oct. 10, 1954	4	4	38	32	"	D	Fill 3; top soil 5; gravel 28; stony blue clay 78; silt sand 83; gravel hardpan 96; gravel 98.
Con B	" 7	"	"	Oct. 24, 1954	4	4	34	30	"	D	Fill 3; top soil 5; gravel 22; blue clay boulders 70; sand silt 88; fine gravel 94; gravel hardpan 105.
Con C	" 1	London Public Utilities Comm.	International Water Supply Ltd.	Jul. 14, 1954	14	42 1/2	186	36	"	P	Top soil 6; sandy clay gravel 20; hardpan 38; clay 55; gravel 57; blue clay 80; gravel boulders clay 115; fine sand 121; boulders sticky clay 124; fine gravel 135; coarse gravel boulders 142; limestone 500.
Con C	" 2	L & T Floor Coverings	Johnston Well Drillers	Jul. 2, 1953	6	5	27	19	"	C	Clay 2; top soil 3; red sand 8; blue clay boulders 25; sand 29; gritty blue clay 68; coarse sand 79; gravel 83; gravel hardpan 85.
Con C	" 5	G. Rhodes	I. Lounsbury	Nov. 11, 1953	6	5	30	12	"	D	Brown clay 12; hardpan 44; gravel 45.
Con C	" 23	B. Sweet	"	Apr. 26, 1953	4	2 1/2	105	99	"	D	Dry gravel boulders 18; dry gravel 75; fine sand clay 85; hardpan 113; clay 142; gravel 149.
Con C	" 25	A. T. Little	"	Aug. 28, 1954	4	9	50	45	"	D	Brown earth 2; dry gravel boulders 15; dry gravel 49; hardpan 60; gravel 61.
Con I	" 4	P. Shymkiw	"	Apr. 20, 1954	5 1/2	12	11	3	"	D	Brown clay 7; fine sand 18; gravel 23.
Con I	" 24	J. O'Brien	Johnston Well Drillers	Sep. 22, 1953	5	3	94	94	"	D	Top soil 1; stony red clay 4; gravel 22; stony blue clay 26; gravel 108.
Con I	" 24	G. W. Poster	I. Lounsbury	Jun. 29, 1954	4	10	80	80	"	D	Brown earth 2; stones gravel 14; hardpan 31; clay gravel 36; hardpan 78; gravel stones 85; hardpan 95; gravel 96.
Con I	" 24	London Public Utilities Comm.	International Water Supply Ltd.	Sep. 16, 1954	8	486	75	67	"	T	Top soil 1; clay stones 22; grey clay 39; brown clay 69; clay gravel 108; fine gravel boulders 118; gravel sand 126; gravel clay 135.
Con I	" 24	"	"	Oct. 5, 1954	8				"	T	Top soil 1; red clay 45; brown silty clay 70; brown clay gravel 88; silty sand clay gravel 149; gravel clay 198; blue rock 203.
Con I	" 24	"	"	Oct. 26, 1954	8				"	T	Top soil 2; clay 73; clay gravel 149; blue clay gravel 169; cemented gravel 202; brown shale 212.
Con I	" 24	"	"	Nov. 22, 1954	8				"	T	Top soil 1; brown clay gravel boulders 22; brown clay 55; silty clay 65; brown clay 102; brown clay gravel 194.
Con I	" 25	"	"	Apr. 29, 1954	8	255	97	72	Fresh	T	Top soil 1; red sand 4; grey sandy clay gravel 32; silty sand gravel 61; fine gravel sand 65; gravel boulders 81; gravel clay 86; gravel boulders with clay streaks 126; coarse gravel 138; sandy clay gravel 152; clay 168; brown rock 169.
Con I	" 25	"	"	May 20, 1954	8				"	T	Top soil 1; clay gravel 19; sandy clay 34; sandy clay gravel 38; clay gravel 58; streaks of gravel silty sand 83; silty sandy clay gravel 112; clay gravel 125; silty sandy clay gravel 142; grey clay gravel 177; grey shale 185.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY-cont London Twp.cont. Con I lot 25	London Public Utilities Comm	International Water Supply Ltd.	Jun.11,1954	8					T	Muck 3;gravel clay 45;clay 52;streaks of gravel clay 65;silty sandy clay gravel 69;clay gravel 91;sand gravel little clay 99;silty sandy clay gravel 102;clay gravel 106;blue clay gravel 124;gravel clay 146;rock 150.
Con I " 25	"	"	Jul.19,1954	8					T	Muck 8;fine gravel sand 25;silty sandy clay gravel 38;silty sandy clay 51;clay gravel gravel 144;rock 145.
Con I " 25	"	"	Aug. 5,1954	8					T	Top soil 5;sand gravel clay 18;sand clay 22;gravel clay 45; clay 59;silty sandy clay 71;clay gravel 142;cemented gravel 146;brown rock 148.
Con I " 25	"	"	Aug.18,1954	8					T	Top soil 1;clay gravel 19;clay 35;clay gravel 49;silty clay gravel 85;clay gravel 147;brown shale 153.
Con I " 26	"	"	Jun.30,1954	8					T	Muck 4;clay 18;gravel clay 53;silty sandy clay 55;brown clay gravel 76;cemented gravel 79;gravel sand little clay 82; cemented gravel 120;brown clay gravel 139;blue clay gravel 149;blue rock 153.
Con II " 20	A.Robo	I.Lounsbury	Jan.10,1953	6	2½	65	60	Fresh	D	Clay boulders 35;hardpan stones 85;hardpan 134;gravel 136.
Con II " 24	H.Elson	G.L.Davidson	Jun.29,1953	4	5	50	50	"	D	Sand clay 18;clay 75;gravel 76.
Con II " 25	London Public Utilities Comm	International Water Supply Ltd.	Jul. 7,1954	7½					T	Top soil 1;sand 14;boulders sand gravel 25;sand gravel 50; boulders sandy blue clay gravel 52;sandy blue clay gravel 61; cemented sand gravel 67;boulders clay sand gravel 71;cemented sand gravel 77;blue clay gravel sand 86;cemented sand gravel 124;hard sandy reddish-blue clay 151;reddish-blue clay streaks of sand and gravel 154;rock.
Con II " 25	"	"	Jul.19,1954	4	106	20	5	Fresh	D	Top soil 1;brown clay 2;blue sandy clay 5;sand fine gravel 44; clay streaks of sand 52;sand fine gravel 59;gravel sand boulders 70;blue clay 84;sandy blue clay 97;boulders gravel sand 106;cemented sand gravel 115;red clay 127;clay gravel streaks 139;cemented sand gravel 143.
Con II " 25	"	"	Jul.30,1954	7½					T	Top soil 1;muck 2;sand silt 10;sand gravel 20;blue clay gravel 34;boulders gravel sand clay 40;sand gravel clay 55;hard-packed sandy clay gravel 67;boulders sandy red clay gravel 69;hard-packed sandy red clay gravel 90;red clay streaks of gravel 105;silty sand 108;hard-packed red clay gravel 140;rock.
Con II " 26	"	"	Aug. 5,1954	4	180	13½	7½	Fresh	T	Top soil 1;sand gravel 24;blue clay 33;blue clay streaks of sand gravel 44;gravel sand streaks of clay 49;blue clay streaks of sand gravel 56;sand gravel clay 63;sandy blue clay 76; gravel sand boulders little clay 115;red sandy clay gravel 121; cemented sand gravel 124;rock.
Con II " 26	"	"	Dec.13,1954	8					T	Top soil 2;sand gravel 24;clay gravel 46;silty sandy clay gravel 68;clay gravel 95;gravel sand little clay 106;gravel 112; cemented gravel 115.
Con III " 8	"	"	Feb.27,1954	4	325	20	6	Fresh	T	Dirty gravel and boulders 10;gravel boulders 15;coarse gravel 20;coarse gravel boulders 22;cemented gravel boulders 25; cemented gravel 31;coarse gravel 32;cemented gravel 33;gravel boulders streaks of clay 36;cemented gravel 37.
Con III " 12	J.Squire	J.D.Hayden	Aug.21,1954	4	4	100	15	Sulphur	D	Clay gravel 12;yellow clay 30;silty sand 35;blue clay 52;fine sand 57;hardpan 75;soupy sand 80;blue clay 104;blue shale clay 128;grey limestone 136.
Con III " 24	A.W.Demerling	I.Lounsbury	Oct.13,1953	5	10	65	15	Fresh	D	Clay 34;hardpan 84;gravel 85.
Con III " 24	W.Trethowen	"	Oct.22,1953	5½	12	50	25	"	D	Dug well 31;hardpan 45;clay gravel stones 93;coarse gravel 98.
Con IV " 1	River Conser- vation Auth.	"	Mar.10,1954	8						Top soil 12;stones gravel 105;limestone 118. Dry hole.

## MIDDLESEX COUNTY-cont.

London Twp. cont.			Upp.Thames RiverConservatn Authority		I.Lounsbury		Jun.19,1954		6½											
Con IV		lot 1																		
Con IV	"	8	J.Birrell	"	"	Jan.30,1953	6	4	80	30	Fresh	D	Boulders gravel 8;gravel 18;brown clay 36;stones hardpan 83;hardpan 93. Dry hole.							
Con IV	"	9	L.Bamford	Johnston Well Drl	"	Aug.24,1953	5	4		23	"	D	Dug well 32;hardpan 83;gravel 84.							
Con IV	"	13	J.Smith	G.L.Davidson	"	Jul.13,1953	6	60	22	8	"	P	Gravel 28;blue clay 62;fine sand 72;gravel 76.							
Con IV	"	13	WardsWaterSupp	WardsWaterSupply	"	Jun. 4,1954	3	50		10	"	P	Gravel 14;sand 27;clay 30.							
Con IV	"	13	"	"	"	Jun. 5,1954	3	50		10	"	P	Gravel 10;coarse sand 27.							
Con IV	"	13	"	"	"	Jun. 7,1954	3	50		10	"	P	Gravel 10;coarse sand 27.							
Con IV	"	13	"	"	"	Jun. 9,1954	3	50		10	"	P	Gravel 10;coarse sand 27.							
Con IV	"	16	J.MacDonald	J.D.Hayden	"	Jul.20,1953	4	3	40	40	"	D	Clay 6;fine sand silt 25;hardpan sand 62;sand stone 66; hardpan 98;hardpan sand 119;grey limestone 121.							
Con IV	"	17	J.E.Smallman	I.Lounsbury	"	Apr.14,1953	8			40	Sulphur	D	Top soil 21;stones gravel 90;limestone 101. Abandoned.							
Con IV	"	17	"	"	"	Apr.21,1953	10	125	32	2	Fresh	D	Sandy loam 18;stones gravel 40;gravel 48.							
Con IV	"	17	P.Prestage	J.D.Hayden	"	Sep. 2,1954	4	6	40	40	"	D	Clay loam 12;sand 18;hardpan 38;stones sand 39;hardpan 63; sand stones 75;hardpan 118;sand 128;limestone 129.							
Con IV	"	17	"	"	"	Sep. 6,1954	4	6	40	40	"	D	Clay 12;sand 18;hardpan 38;sand stones 39;hardpan 63;sand stones 75;hardpan 118;sand 128;limestone 129.							
Con IV	"	24	S.Smith	I.Lounsbury	"	Nov. 4,1953	5½	12	45	15	"	D	Brown clay 3;grey clay 60;hardpan 68;gravel 76.							
Con IV	"	25	R.Pitt	J.D.Hayden	"	May 15,1953	4				"	D	Clay 22;silty sand 29;clay 45;fine sand 49;clay 65;sand 170; blue clay boulders 202. Dry hole.							
Con IV	"	25	"	"	"	May 18,1953	6	3	47	12	"	D	Clay 22;silty sand 29;clay 45;sand gravel 47.							
Con IV	"	25	C.Satchel	I.Lounsbury	"	Sep. 2,1954	5½	15	31	18	"	D	Dug well 30;blue clay 53;gravel 54.							
Con IV	"	26	R.Bergelt	I.Hayden & Son	"	Jan.15,1953	4	5		85	"	D,S	Clay 23;sand 30;hardpan stones 65;sand stones 73;hardpan 110; sand,shooting sand 125;hardpan sand 141;fine sand 159; gravel 161.							
Con IV	"	31	P.DeKay	I.Lounsbury	"	Jul.14,1953	5	5	95	50	"	D	Clay 24;brown sand 30;hardpan 106;gravel 108.							
Con V	"	1	Upp.Thames Valley Devel- opment "	"	"	May 18,1954	5½	12	44	18	"	P	Gravel boulders 10;gravel clay 18;gravel 32;hardpan 60; gravel 62.							
Con V	"	2	London Public Utilities Comm	International Water Supply Ltd.	"	May 6,1954	6½	12	48	32	"	P	Boulders gravel 34;hardpan 73;gravel 74.							
Con V	"	4	"	"	"	Jul.22,1953	12	1000	11	4½	"	T	Sandy clay 3;dirty sand 6;sand gravel 36;sand gravel streaks of clay 42.							
Con V	"	4	"	"	"	Mar.13,1954	2	63	4	3½	"	T	Fill 4;sand 6;cemented gravel 18;coarse gravel sand 30;coarse sand boulders 49;sand 52;dirty fine sand 57;boulders 58;clay gravel 67;rock.							
Con V	"	4	"	"	"	Mar.22,1954	4	63	4	2	"	T	Brown sandy clay 4;coarse sand gravel 15;fine gravel sand 26; coarse sand 40½;clay hard sand 46.							
Con V	"	4	"	"	"	Mar.23,1954	5½				"	T	Fill 4;sand gravel 27;boulders 28;sandy brown clay 35.							
Con V	"	4	"	"	"	Mar. 24,1954	5½				"	T	Top soil 1;brown sandy clay 3½;sand gravel 18;dirty fine sand 38½;sandy clay 46.							
Con V	"	4	"	"	"	Mar.29,1954	4	73	2½	1½	Fresh	T	Sand gravel 28;dirty sand gravel 31;brown clay gravel 32; dirty gravel 35;brown clay 39;blue clay streaks of sand gravel 46.							
Con V	"	4	"	"	"	Apr. 2,1954	5½				"	T	Fill 4;coarse sand 6;cemented gravel 18;coarse gravel sand 30; coarse sand gravel boulders 50;dirty sand 56.							
Con V	"	4	"	"	"	Apr. 5,1954	5½				"	T	Coarse gravel sand 21;soft grey clay 31;sandy brown clay 48; clay dirty gravel streaks 52;clay boulders 53.							
Con V	"	4	"	"	"	Apr.12,1954	5½				"	T	Top soil 1;sandy clay 3½;gravel clay streaks 14;gravel 23;clay sand 39;blue clay hard gravel 42.							
Con V	"	4	"	"	"	Apr.14,1954	2	30		1½	Fresh	T	Top soil 1;clay 3½;fine sand gravel 32;gravel clay 40;blue clay boulders 51;rock.							
Con V	"	4	"	"	"	Apr.19,1954	5½				"	T	Top soil 1;clay 3½;fine sand gravel 15;sand gravel 33;gravel clay streaks 36;clay 46.							
Con V	"	4	"	"	"	Apr.22,1954	2	64	6	5½	"	P	Top soil 1½;sand fine gravel 45;gravel clay streaks 48.							
Con V	"	4	"	"	"	Apr.26,1954	2			16	"	T	Top soil 2;clay 4½;sandy clay 10;clay gravel 14;fine gravel clay streaks 35;clay boulders 36;gravel clay 51;blue clay 56.							

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY-cont.										
London Twp.cont.										
Con V lot 4	London Public Utilities Comm	International Water Supply Ltd.	Apr.29,1954	5½					T	Top soil 1½;clay 6;gravel clay streaks 18;clay coarse gravel 25;clay gravel 33;gravel clay streaks 44;blue clay 56.
Con V " 4	"	"	Apr.30,1954	5½					T	Top soil 1;clay sand 7;coarse sand 14;fine sand gravel 30; coarse sand gravel streaks 35;dirty fine sand 39;clay gravel 48½.
Con V " 4	"	"	Apr.30,1954	26	1100	31	3	Fresh	P	Top soil 2;coarse sand 6;gravel 7;coarse sand gravel 31; fine gravel 32;gravel sand 46;sand gravel 48½.
Con V " 4	"	"	May 3,1954	5½					T	Top soil 1;clay sand 7;coarse sand 14;fine sand gravel 30; sand coarse gravel thin clay streaks 35;sand gravel 38;clay gravel 48.
Con V " 4	"	"	May 5,1954	5½					T	Top soil 1½;sandy clay 7½;sand fine gravel 29;coarse gravel sand thin clay streaks 44;clay gravel 49.
Con V " 4	"	"	May 10,1954	26	1064	25½	3½	Fresh	P	Top soil 1;sand 28;sand little gravel 31;fine gravel 45.
Con V " 4	"	"	May 21,1954	26	1066	31½	2½	"	P	Clay 8;sand 29;gravel sand 28;coarse gravel sand 38;fine gravel 41.
Con V " 8	W.L.Barkley	I.Lounsbury	Jan.22,1953	6	10	45	21	"	D	Clay boulders 16;hardpan boulders 35;hardpan 60.
Con V " 10	G.Wilson	R.Smith	Apr. 2,1954	2	4		3	"	D,S	Gravel 14;fine red sand 22;fine sand 30.
Con V " 11	H.Siegrist	H.T.Siegrist	Aug.31,1954	4	4	50	46	"	D	Top soil 2;hardpan stones 83.
Con V " 12	C.Brock	I.Lounsbury	Feb.16,1953	6	2½	4	4	"	D	Dug well 16;hardpan 45;gravel 64.
Con V " 14	H.Highway	H.T.Siegrist	Sep.10,1954	4	2	30	25	"	D	Top soil 2;soft blue clay 25;hardpan 30;clay 59;sand 60.
Con V " 16	R.James	R.Smith	Apr.21,1953	2	4	35	30	"	D	Clay few small stones 46;hardpan 48;coarse sand 60.
Con V " 16	"	"	Jun. 4,1953	2	12	40	40	"	D	Clay stone 44;hardpan 47;coarse sand 61.
Con V " 16	W.Andrews	"	Jul.15,1953	2	12	25	25	"	D	Clay stone 45;hardpan 47; coarse sand 58.
Con V " 16	H.McClure	"	May 25,1954	2	10	35	35	"	D	Clay stone 46;hardpan 48;medium sand 59.
Con V " 16	A.Smith	"	Aug. 3,1954	2	6	21	21	"	D	Clay 34;fine sand 45.
Con V " 16	R.James	"	Aug. 6,1954	2	6	38	38	"	D	Clay stone 46;sand 48;coarse sand 62.
Con V " 16	"	"	Aug.11,1954	2	6	38	38	"	D	Clay stone 46;sand 48;coarse sand 62.
Con V " 16	"	"	Dec. 3,1954	2				"	D	Clay 65;sand 70;clay 125. Dry hole.
Con V " 16	"	"	Dec. 6,1954	2	3	44	44	Fresh	D	Clay stone 49;coarse sand 52.
Con V " 16	"	"	Dec.16,1954	2	7	38	38	"	D	Clay 45;medium sand 66.
Con V " 16	"	"	Dec.28,1954	2	6	37	37	"	D	Clay stones 40;sand 46;clean sand 58.
Con V " 20	"	"	Jul.19,1954	2				"	D	Clay hardpan 40;hardpan stones 70. Dry hole.
Con V " 20	L.R.Gunn	W.J.George	Aug. 4,1954	5	4	44	30	"	D	Clay stones 45;sand 54;rock 75;sand stones 86;rock 88; sand gravel 104.
Con V " 24	D.Stanton	G.L.Davidson	Jun.18,1953	6½	5	18	13	"	P	Sand 8;clay 28;sand clay 36;coarse and fine sand mixed 52.
Con V " 25	American Agricultural Chemical Co.	International Water Supply Ltd.	Jul.27,1954	7½				"	T	Brown clay 2;soft blue clay 9;gravel sand boulders streaks of clay 14;blue clay 21;boulders clay 22;blue clay gravel boulders 34;streaks of blue clay 91;blue clay gravel streaks boulders 38; blue clay gravel 126;blue clay broken gravel boulders 131;blue clay 133;sandy clay hard packed gravel 181;cemented sand gravel 182;sandy clay hard packed gravel 187;cemented gravel 186.
Con V " 25	K.Sandercott	J.D.Hayden	Aug.10,1954	5	4	200	125	Sulphur	P	Yellow clay 5;blue clay 12;silty sand 33;hardpan 70;sand stones 74;hardpan stones 92;sand stones 103;hardpan sand 140;sand 148;hardpan 177;grey limestone 215.
Con V " 25	J.Keays	I.Lounsbury	Sep.15,1954	5½	18	22	18	Fresh	D	Blue clay 8;brown clay 45;sand 49;gravel 50.
Con V " 26	G.E.Crossley	H.T.Siegrist	Apr.23,1953	4	4	63	63	"	D	Top soil 1;yellow clay 10;blue clay 50;sandy gravel 92;gravel 93.
Con V " 28	J.Maryfield	J.D.Hayden	Oct.30,1953	4	5	55	55	"	D	Yellow clay 15;blue clay 30;silty sand 45;fine sand 55;hardpan 76;fine sand 79;hardpan 105;sand stones 140;hardpan 161;fine sand 170;gravel 171.
Con VI " 10	J.Turock	I.Lounsbury	Nov. 2,1954	5½	18	12	Flows	"	D	Dug well 15;hardpan stones 28;gravel clay 56;hardpan 77;sand 79;gravel 80.

## MIDDLESEX COUNTY-cont.

London Twp.cont.

Con VI	lot 16	School	Johnston Well Drillers	Aug. 8, 1953	5	5	71	60	Fresh	P	Basement excavation 9; gravel 22; sand 30; compact sand 52; blue clay 64; gravel hardpan 96; muddy sand boulders 110; gravel clay silt 128; gravel 130.
Con VI	" 16	London Town-ship	D.J.Hayden	Aug. 21, 1953	4	5	80	70	"	P	Clay 18; gravel 20; hardpan 23; fine sand 27; hardpan stones 40; hardpan sand 50; hardpan stones 106; sand 110; hardpan 165; sand 185; gravel 186.
Con VI	" 16	School	Johnston Well Drillers	Nov. 28, 1953	6	8		60	"	P	Top soil 1; stony red clay 4; gravel 24; sand gravel 38; compact sand 50; gritty blue clay 62; gravel hardpan 95; sandy clay boulders 107; gravel muddy sand 126; gravel hardpan 137.
Con VI	" 16	G. Edwards	"	Mar. 16, 1954	4	10	115	115	"	D	Yellow clay 12; blue clay 24; fine sand 27; blue clay 37; silt sand 45; hardpan 98; sand stones 136; hardpan 150; sand boulders 195; brown limestone 240.
Con VI	" 17	D.B.Weldon	I. Lounsbury	Aug. 15, 1954	7	10	120	80	"	P, S	Top soil 6; clay 58; hardpan 106; gravel 131; hardpan 149; sand 151.
Con VI	" 18	London Public Utilities Comm	International Water Supply Ltd.	Apr. 10, 1954	4	52	25	3	"	P	Top soil 1; brown clay 3; gravel coarse sand 8; boulders gravel sand 9; fine sand 13; sandy blue clay streaks of gravel 28; blue clay 40; blue clay streaks of gravel 54; clay boulders hard gravel 55; blue clay 59; clay boulders hard gravel 60; hard blue clay 61; blue clay boulders hard gravel 65; coarse broken gravel sand boulders clay streaks 67; cemented sand gravel boulders 71; sandy blue clay gravel hard streaks 103; boulders broken gravel streaks of clay 125; big boulders 126.
Con VII	" 16	E. Anderson	R. Smith	Jul. 26, 1954	2	5		32	"	D	Clay stone 46; hardpan 48; medium sand 56.
Con VII	" 21	London Public Utilities Comm	International Water Supply Ltd.	Apr. 26, 1954	4	102	67	50	"	P	Top soil 1; brown clay 6; brown clay streaks of sand 11; blue clay streaks of gravel 29; gravel sand 31; blue clay gravel sand 51; sandy clay 90; fine silty sand fine gravel 95; boulders gravel sand 101; cemented sand gravel 104; boulders gravel clay 106; blue clay gravel 118; boulders clay 119; blue clay streaks of gravel 142; blue clay boulders gravel 147; blue clay streaks of gravel 150; sandy clay gravel 153; cemented sand gravel 156; blue clay gravel hard packed sand 166; boulders clay gravel sand 174; gravel sand clay 196; cemented sand gravel 197.
Con VII	" 27	"	"	May 26, 1954	4	102	22½	9½	Fresh	P	Top soil 1; brown clay 2; blue clay gravel 13; fine sand 16; soft clay 19; cemented sand gravel 20; blue clay 24; sand gravel streaks of clay 27; blue clay 31; blue clay gravel odd boulders 66; blue clay gravel boulders 68; blue clay gravel odd boulders 84; cemented sand gravel odd boulders 85; blue clay gravel 94; gravel sand boulders 108; gravel sand streaks of clay 114; boulders gravel sand clay 117; blue clay streaks of gravel boulders 124; coarse gravel sand boulders clay 136; boulders gravel sand 139; cemented sand gravel boulders 148; boulders clay gravel 151; gravel sand clay 154; cemented sand gravel 168; sand blue clay gravel boulders 183.
Con VII	" 27	"	"	Jun. 16, 1954	4	36	21½	5	Fresh	T	Top soil 1; brown clay 3; gravel sand blue clay 5; boulders blue clay 11; sand blue clay gravel 49; sand 52; sandy blue clay streaks of gravel 68; blue clay gravel 72; sandy blue clay gravel odd boulders 131; gravel sand boulders clay 139; blue clay gravel 144 gravel sand clay 148; blue clay 151; gravel sand boulders clay 167; sandy blue clay gravel boulders 169; sandy blue clay gravel 172; boulders sandy clay gravel 175; hard sandy clay hard gravel 183.
Con VII	" 28	"	"	Jun. 25, 1954	7½					T	Top soil 1; gravel sand clay 11; blue clay gravel sand boulders 16; sand gravel 18; sandy blue clay gravel 83; blue clay sand gravel odd boulders 101; cemented sand gravel streaks of clay 114; gravel sand boulders 115; blue clay gravel sand 117; gravel sand boulders 120; cemented sand gravel streaks of clay 170; cemented sand gravel 174.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY-cont										
London Twp.cont.										
Con VII lot 32	J.W.Legg	H.T.Siegrist	May 28, 1953	4	3	50	50	Fresh	D	Yellow clay 90; quicksand 225; clay 235.
Con VIII " 15	G.Redden	J.D.Hayden	Jan. 7, 1954	5	3	67	40	"	D	Gravel sand 7; yellow clay 16; sand stones 23; hardpan 60; gravel stones 67.
Con VIII " 22	E.H.Dampier	I.Lounsberry	Oct. 25, 1954	4	10	35	18	"	D	Brown clay 3; blue clay 38; heaving sand 70; hardpan 89; gravel 92.
Con VIII " 30	J.E.Robson	H.T.Siegrist	Jul. 21, 1953	4	3	125	111	"	D, S	Top soil 1; yellow clay 15; blue clay 85; hardpan 100; gravel 101; sandy clay 120; gravelly hardpan 160; gravel 161; hard clay 195; sand 220; hard clay 260; blue shale 271.
Con IX " 21	F.Hime	Johnston Well Drillers	Jan. 4, 1954	4	2 1/2	48	32	"	D	Top soil 1; stony red clay 8; stony blue clay 22; silt sand 38; stony blue clay 92; gravel muddy sand 125; hardpan 127.
Con X " 18	J.Kennedy	"	Apr. 15, 1953	4	5	29	27	"	D	Top soil 1; red clay 6; stony blue clay 36; sandy clay 45; gravel 52; grey shale 62.
Con X " 24	F.Macandless	"	May 11, 1953	5	4	41	27	"	D	Dug well 42; stony blue clay 58; sand 62 gravel sand 70; grey shale 72.
Con X " 24	Dr. Begg	"	Aug. 15, 1954	4	4	50	38	"	D	Top soil 2; red clay 8; blue clay 50; sandy clay 58; blue clay boulders 108; gravel 110.
Con XI " 16	E.DeBroshe	L.Hayden & Son	Apr. 10, 1953	4	5		155	Sulphur	D	Yellow clay 14; fine sand 18; clay stones 33; hardpan stones 82; sand 102; hardpan sand 151; stones hardpan 165; grey limestone 181
Con XI " 24	C.Little	Johnston Well Drillers	Sep. 9, 1954	4	1 1/2		45	Fresh	D	Fill 2; top soil 4; red clay 12; blue clay 55; silt 68; blue clay 98; gravelly blue clay 104; blue clay boulders 136; muddy gravel 138; grey shale 139.
Con XI " 25	G.Robson	"	Jun. 10, 1953	4	2 1/2		29	"	D	Top soil 1; stony red clay 12; stony blue clay 45; silt 54; gravel hardpan 68; gravel muddy sand 73; grey shale 75.
Con XI " 26	N.St.Cyr	"	Apr. 27, 1954	5 1/2	3	144	50	"	P	Top soil 2; yellow sand 6; red clay 14; silt gravel 38; blue clay 124; hardpan 130; gravel sand 138; hardpan 144.
Con XII " 9	H.Talbot	J.D.Hayden	Sep. 4, 1954	4	10	175	175	"	D, S	Old well 12; sand stones 14; hardpan blue clay 44; boulders clay 82; sand stones 94; clay stones 116; sand 120; stones 126; hardpan sand 145; brown limestone 222.
Con XVI " 16	Reliance Petroleum Ltd	F.L.Davidson	Oct. 2, 1953	4	3	245	227	"	C	Marl 37; gravel 45; till 141; shale rock 162; limestone 263.
McGillivray Twp.										
CRW Con V lot 5	K.McGregor	Gooding/Pedlar	Jan. 28, 1953	4	7	74	67	"	D, S	Red clay 20; blue clay 170; limestone 173.
Con I " 19	W.Hodgins	G.L.Davidson	Apr. 13, 1953	4	5	120	120	"	D, S	Sand 28; till 58; sand gravel 120; sand 142; hard grey rock 168.
Con X " 9	S.Maguire	Schenk Bros.	Jun. 12, 1953	4 1/2	4	100	97	"	D	Clay 65; gravel 102; dark limestone 119.
Con XI " 6	S.Shouldice	"	Sep. 10, 1953	4 1/2	7	90	87	Sulphur	D, S	Clay 54; gravel 60; clay 85; gravel 99; rock 115.
Con XXIV " 3	Foster Bros.	Gooding & Pedlar	Dec. 19, 1953	4 1/2	5	65	50	Fresh	D, S	Top soil 6; blue clay 130; limestone 135.
N.B.C. " 39	E.Bullock	A.A.Heal	Nov. 17, 1954	4 1/2	6	58	48	"	D, S	Top soil yellow clay 12; blue clay 120; hardpan 125 1/2; limestone 126
Metcalf Twp.										
Con IV lot 11	L.Glithers	S.Earl	Dec. 23, 1953	4	1 1/2	20	15	Fresh	D, S	Brown clay 12; grey clay 109; medium black gravel 113.
Con XII " 12	M.Gough	M.Gough	Apr. 12, 1954	4	5	40	8	"	D	Yellow clay 17; blue clay 90; hardpan 102; grey limestone 141.
Con XIII " 21	N.Walker	A.A.Heal	Sep. 20, 1954	4	2	60	13	"	D, S	Top soil yellow clay 12; blue clay 73; hardpan 85; black shale rock 90.
Mosa Twp.										
Con I lot 13	R.Fennell	W.J.George	Aug. 26, 1954	5	3	43	16	Fresh	D	Sand 3; clay 83; quicksand 87.
Con II " 17	C.Gillett	"	Jul. 23, 1953	4 1/2	4	60	18	"	D, S	Sand 2; clay pebbles 79; fine gravel 83.
Con III " 18	A.J.Armstrong	"	Aug. 19, 1954	5	8	30	0	"	D, S	Sand 11; clay 33; sand gravel 38; clay stones 89.
Con V " 2	A.McKellar	A.A.Heal	Jan. 8, 1954	4	2 1/2	32 1/2	16	"	D, S	Top soil yellow clay 12; blue clay 25; blue clay sand streaks 45; hard blue clay 69; hardpan gravel sand clay black shale stones 90; black shale 95.
Con V " 3	D.Munro	"	Feb. 23, 1954	4						Yellow clay top soil 14; soft blue clay 60; hard blue clay 78; hard blue clay some sand 82; hardpan 94 1/2; limestone 140. Dry hole.

## MIDDLESEX COUNTY-cont.

Mosa. Twp. cont.

Con V	lot 3	D. Munro	A.A. Heal	Mar. 12, 1954	4	1	77	22	Fresh	D	Yellow clay 14; blue clay 58; soft sandy clay 63; black gravel 67; blue clay 76; hardpan 88; limestone 107.
Con V	" 4	M. McLean	"	Jul 7, 1954	4						Top soil yellow clay 8; sand 12; blue sandy clay 35; soft blue sandy clay 40; hard blue sandy clay 82; hardpan 95; limestone 128. Dry hole.
Con V	" 4	"	"	Jul. 12, 1954	4	1	73	16	"	D	Top soil yellow clay 12; blue clay 80; hardpan 97; limestone 100.
Con VII	" 6	J.A. McTavish	A.S. McAlpine	Mar. 30, 1954	4			16	"	D,S	Clay 70; hardpan 81.
Con VII	" 6	"	"	Apr. 6, 1954	4			16	"	D,S	Clay 70; hardpan 75; boulders.
Con VII	" 6	"	"	Apr. 10, 1954	4			16	"	D,S	Clay 15; sand 35; clay 70; hardpan 82.
Con VII	" 6	"	"	Apr. 16, 1954	4			16	"	D,S	Clay 70; hardpan 80; rock.
Con VII	" 6	"	"	Apr. 20, 1954	4			16	"	D,S	Sand 12; clay 40; sand 48; clay 70; hardpan 83.
Con VII	" 6	"	"	Apr. 23, 1954	4						Clay 50; sand 55; clay 70; hardpan 75. Dry hole.
Con VII	" 6	"	"	Oct. 2, 1954	4						Top soil 2; sand 12; blue clay 70; hardpan 82. Dry hole.
Con VII	" 6	"	"	Oct. 14, 1954	4						Top soil 2; blue clay 43. Dry hole.
Con VII	" 6	"	"	Oct. 18, 1954	4						Top soil 2; yellow sand 15; blue clay 35; hardpan 43. Abandoned.
LRN RI	" 2	D. McEae	J.D. Hayden	Nov. 14, 1953	4	3	225	20	Flows Salt	Fresh	Fine sand 22; blue clay 96; silty sand 143; gravel 145; hardpan stones 160; soapstone 225. Abandoned.
LRN RI	" 2	"	"	Nov. 30, 1953	4						Fine sand 20; blue clay 143; hardpan 145; gravel 157; limestone 162; soapstone 165. Dry hole.
LRN RI	" 2	"	"	Dec. 29, 1953	4	1	140	20	Fresh		Yellow sand 22; blue clay 137; hardpan 139; gravel 140. Abandoned.
Newbury		N. Hurdle	W.J. George	Apr. 3, 1953	4 1/2	3	60	19	Fresh	D	Black sand 4; quicksand 13; grey clay pebbles 113; black shale 120; fine to coarse gravel 131; grey clay 147.
Newbury		H. Babcock	"	May 11, 1953	5	3	32	19	"	D	Sand 4; clay 19; quicksand 25; clay lots of pebbles 72; black shale 73; gravel stones 83.
Newbury		J. McNaughton	"	Dec. 20, 1953	5			80	Salt		Red sand 11; quicksand 15; grey clay pebbles 96; clay coarse stone 119; rock 131; clay 155; limestone 156 1/2; clay 180; soapstone 240. Abandoned.
Newbury		"	"	Jan. 12, 1954	5	2 1/2	60	20	Fresh	D	Red sand 5; quicksand 10; blue clay 125; rock 127; coarse stone 130; fine gravel 131; clay 149.
North Dorchester Twp.											Top soil 1; sandy clay gravel 13; hardpan 60; sandy clay gravel 100; silty sand 112; silty sand gravel 116; gravel boulders 147; hard dark-grey limest. 157; hard light-grey limest. 182; hard-dark limest. 228; light-brown limest. 270; hard grey limestone 286; dark-grey limest. 353; light-brown limest. 411; hard dark-grey limestone 450.
TRN Con I	lot 1	London Public Utilities Comm	International Water Supply Ltd.	Sep. 22, 1954	12			50 1/2		T	
TRN Con I	" 2	School	J.D. Hayden	Nov. 18, 1954	5	10	2	2	Fresh	P	Clay 12; sand 26; clay stones 72; sand stones 122; grey limest. 133.
TRN Con I	" 2	London Public Utilities Comm	International Water Supply	Sep. 22, 1954	12	335	108	50		T	Top soil 1; sandy clay gravel 13; hardpan 60; sandy clay gravel 100; silty sand 112; silty sand gravel 116; gravel boulders 147; limestone 450.
TRN Con I	" 12	W. VanSchaik	McLeod/McBeth	May 3, 1954	4 1/2	6	10	6	Fresh	D	Black muck 4; fine sand 25; hardpan stones 72; grey limestone 77.
TRN Con I	" 12	J. Danouski	"	Jun. 24, 1954	4 1/2	6	17	12	"	D	Black muck 5; brown clay 15; fine sand 25; hardpan stones 77. grey limestone 80.
TRN Con II	" 18	V. Novak	W.B. Dale	Aug. 6, 1954	4	3	90	36	"	D,S	Yellow sand 10; coarse sand stones 28; sand boulders 36; clay stones 64; fine sand 66; clay stones 72; sand gravel 73; hardpan stones 103; boulders sand 104; brown limestone 135.
TRN Con III	" 8	R. Tribe	"	Aug. 30, 1954	4	5	32	29	"	D	Sand gravel 10; hardpan boulders 68; gravel 69.
TRN Con IV	" 10	Crockett/Roger	H.T. Siegrist	Sep. 26, 1953	4	4	20	15	Sulphur	D	Top soil 3; yellow clay 6; gravel hardpan 20; stones hardpan 45; hardpan 58; shale 59.
TRN Con IV	" 14	J. Bernardo	I. Lounsbury	Sep. 24, 1953	5	5	110	40	Fresh	D	Brown sand 75; hardpan 127; gravel 128.
TRN Con IV	" 14	H.O. Niel	H.T. Siegrist	Oct. 5, 1953	4	8	40	10	"	D,S	Top soil 2; sandy clay 22; hardpan stones 40; yellow clay 70; sand 85; hardpan 109; gravel 110.
TRN Con A	" 1	A. Wallace	McLeod/McBeth	Nov. 21, 1953	4 1/2	5	22	18	"	D,S	Dirty gravel 20; hardpan stones 40; fine gravel 44.
TRN Con A	" 16	K.W. Martin	H.T. Siegrist	Sep. 16, 1953	4	5	31	31	"	D	Top soil 1 1/2; gravel clay 20; hardpan stones 40; white sand 46; gravel 47.
TRN Con A	" 16	H. Brooks	"	May 14, 1954	5	6	35	27	light Sulphur	P	Sand gravel stones 64.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY-cont North Dorchester Twp cont.										
TRS Con A lot 17	Dorchester	International	Mar.19,1953	5½					T	Top soil 1;sand gravel 15;boulders sand gravel brown clay 22; blue clay sand gravel hard packed streaks 27;gravel sand 28; blue clay sand gravel hard packed streaks 39;gravel sand streaked blue clay 46;hard packed streaks of blue clay sand gravel 65;hard packed blue clay gravel sand boulders 69; cemented gravel streaks of clay 77;rock 78½. Top soil 2;gravel 25;stones yellow clay 45;sand 58;blue sand 60;sand stones 70. Abandoned.
TRS Con A " 17	H.R.Brooks	H.T.Siegrist	Oct.30,1953	4					P	Top soil 2;hardpan 45;sand gravel 50;sand 75;hard shale 80.
TRS Con A " 17	"	"	Nov.12,1953	4	7½	20	15	Sulphur	P	Top soil 1;sand gravel red clay 45;sand gravel streaks of coarse gravel 57;boulders sand gravel streaks 62;sand gravel boulders streaked hard packed grey clay 72;rock 74.
TRS Con A " 18	Dorchester Village	International Water Supply Ltd.	Mar.29,1953	4		39½	37½	Fresh	T	Top soil 2;sand stones 6;brown clay 42;clay stones 104;hardpan 116;shale rock 119.
TRS Con A " 24	B.Parker	W.B.Dale	Oct. 2,1954	4	5	50	44	"	C	Top soil 1;dirty sand 6;broken gravel sand boulders 15;sandy blue clay streaks of gravel 33;cemented sand gravel 38;blue clay hard packed sand and gravel 42;cemented gravel 44;rock. Yellow sand 8;brown clay 22;yellow sand 24;fine sand 46;clay stones 132;brown limestone 220.
TRS Con B " 16	Dorchester Village	International Water Supply Ltd.	Apr. 1,1953	5½					T	Top soil 2;brown clay 26;yellow sand 47;soft blue clay 60; blue clay 70;fine gravel 71.
TRS Con B " 18	G.Simmonis	W.B.Dale	Jun. 3,1954	4	6	39	27	Sulphur	Ir,D	Red and brown clay 6;blue clay 85;sand 87;yellow clay 105; sand gravel 108.
TRS Con B " 19	J.Oliver	"	Mar.25,1954	4	7	48	33	Fresh	D,S	Yellow clay 24;putty sand 28;brown clay 42;quicksand streaked with clay 110;blue clay 133;brown limestone 136.
TRS Con B " 20	M.R.Smith	H.T.Siegrist	Apr. 1,1953	4	3	57	50	"	S	Yellow clay 30;quicksand 96;hardpan stones 150;grey limest.158.
TRS Con I " 18	A.Wilkinson	W.B.Dale	Apr. 8,1954	4	8	25	14	"	D,S	Top soil 1;red sand 8;blue clay 92;sand silt 105;blue clay 150;grey shale 200;grey limestone 206.
TRS Cop I " 18	School S #1.	J.D.Hayden	Dec.14,1954	4	6	48	48	"	P	Top soil 1;clay stones 8;yellow sand 10;clay dirty gravel 62; blue clay 68;boulders fine gravel 70;silt sand 72;granite boulders sand 108;grey limestone 112.
TRS Con I " 21	C.Keene	Johnston Well Drillers	Jul.12,1954	4	4	60	52	"	D,S	Clay 27;fine sand 38.
TRS Con II " 1	H.Roulston	W.B.Dale	Jul.22,1954	4	7	33	29	"	D	Clay 50;quicksand 243;hardpan 248;sand gravel 286;sand 287;limestone.
TRS Con III " 22	R.Thompson	WardsWaterSupply	Jan.14,1954	2	12	5	4	"	D,S	Blue clay 39;fine sand 50.
TRS Con IV " 24	School S #19	W.B.Dale	Oct. 8,1953	4	7	160	90	"	P	Brown clay 40;fine sand 140;boulders blue clay 142;hardpan 149; gravel 149½.
TRS Con IV " 24	E.Demary	WardsWaterSupply	Jan. 5,1954	2	8	16	15	"	D,S	Black muck 4;blue clay 47;gravel 48.
TRS Con V " 19	A.Humphries	W.L.McBeth	Nov. 9,1954	5½	5	65	50	"	D,S	Yellow sand 10;clay mixed with gravel 60;clay and sand mixed 90;hardpan gravel 92.
TRS Con VI " A	E.Moore	McLeod/McBeth	Jun. 1,1954	5½	6		Flows	"	C	Red clay 25;blue clay 89;gravel 90.
TRS Con VI " 4	E.Sadler	W.L.McBeth	Jul.15,1953	5½	6	25	15	"	D	Red clay 50;sand gravel 100;blue clay 134;gravel 135.
TRS Con VI " 9	I.Charlton	E.Hoover	Jun.22,1954	5½	5	20	20	"	S	Clay 60;gravel 67.
TRS Con VI " 9	N.Rickard	"	Aug.10,1954	5½	5	65	50	"	S	Red clay 20;blue clay 60;gravel 65.
TRS Con VI " 12	Bell Telephone	I.Lounsbury	Aug.25,1953	5	20	14	12	"	D	Brown clay 10;very fine sand 100;sand 195;hardpan fine gravel 202.
TRS Con VI " 12	C.Demaray	E.Hoover	Jan. 5,1954	5	10	20	4	"	D	Sand 3;grey clay 8;blue clay pebbles 70;sand 72;hardpan 73½; coarse gravel 88.
TRS Con VI " 17	M.Shackleton	W.L.McBeth	May 20,1954	5½	8	120	40	"	D	Top soil 2;clay 102;clay stones 117;hard sandstone 121.
Wardsville	E.M.Ross	W.J.George	Jan.28,1953	6	7	6	Flows	Fresh	D	Top soil 3;clay 103;clay stone 123;hard sandstone 126;sandstone 127;silt 150;hard grey shale 153.
Wardsville	D.Willits	G.McClure	Jul.13,1953	7	6	20	14	"	P	Red sand 7;quicksand 11;clay 114;quicksand 123;fine gravel 125;clay 151. Abandoned.
Wardsville	E.Purdy	"	Jul.14,1953	7	5	20	18	"	P	
Wardsville	A.Purcell	W.J.George	Aug.15,1953	4½				"		

## MIDDLESEX COUNTY-cont.

North Dorchester Twp. cont.  
Wardsville

		A. Purcell	W. J. George	Sep. 8, 1953	4½	3	44	34	Fresh	D.	Red sand 7; sand streaks clay 19; quicksand 20½; clay pebbles 41; gravel 42; clay pebbles 92; sharp sand 114; gravel 121.
Westminster Twp.											
BP	lot 21	R. B. Finch	W. B. Dale	Mar. 25, 1953	3½	8	30	9	Fresh	D	Loam 2; yellow sand 23; sand gravel 62; clay 75; quicksand 76; clay 79; heavy sand 80.
BP	" 21	J. M. O'Neil	H. T. Siegrist	Nov. 19, 1953	4	4	15	10	"	D	Top soil 2; blue clay 50; brown clay 73; gravel 75.
BP	" 21	P. Sacharewicz	H. T. Siegrist	Dec. 7, 1953	4	3	15	12	"	D	Dug well 10; blue clay 50; brown clay 84; fine sand gravel 145.
BP	" 31	Ont. Dept. of Public Works	Ont. Dept. of Public Works	Apr. 18, 1954	4			121	Sulphur		Open well 30; sand gravel 50; clay 85; clay hardpan 115; hardpan boulders 120; sand gravel 125. Abandoned.
BP	" 31	"	"	Apr. 1954	6	3½	90	58	Fresh	P	Clay 50; gravel clay 100; hardpan 124; soft clay gravel 126; gravel 127.
BP	" 37	W. Geise	W. B. Dale	Jan. 13, 1953	3½	5	60	44	"	D	Sand gravel 37; hardpan stones 74½; sand.
BP	" 42	Sanderson Bros	Johnston Well Drl	Mar. 24, 1953	4	4		70	"	D	Top soil 1; reddish gravel 26; reddish sand 34; blue clay boulders 37; gravel 84; blue clay 86.
BP	" 46	Byron Village	International Water Supply Ltd.	Nov. 16, 1954	2	47	29	28	"	P	Top soil 1; sand 5; coarse broken gravel w/hard cemented streaks odd boulder 31; hard cemented gravel 33; clay gravel 35; fine gravel dirty sand 55; fine gravel sand 66; hard streaked clay gravel 67; clay gravel 83; grey clay fine gravel 99; hard cemented gravel 100.
BP	" 46	W. E. Collins	"	Nov. 21, 1954	5½					T	Top soil 2; sand fine gravel 13; soft sandy grey clay 16; grey clay boulders 18; coarse cemented gravel 22; grey clay fine gravel 35; clay boulders 37; grey clay fine gravel thin gravel streaks odd boulder 46; cemented gravel 47; grey clay fine gravel odd boulder 60; grey clay fine gravel 100; soft grey clay fine gravel 143; cemented gravel 145; soft grey clay fine gravel 153; rock.
BP	" 47	Byron Village	"	Oct. 8, 1954	5½					T	Top soil brown sandy clay stones 8; soft silty grey clay 50; soft grey clay 72; dirty hard packed fine gravel 78; hard cemented fine gravel 83; sandy grey clay hard gravel streaks 117; very hard cemented fine gravel 154.
Con A	" 47	H. Steinburgh	H. T. Siegrist	Aug. 16, 1954	4	3	75	43	Fresh	D	Top soil 1; gravel 8; clay 40; gravel 45; grey clay 60; hardpan 72; grey clay 82; gravel 83.
Con A	" 1	School S. #1	E. E. Hoover	Jun. 10, 1954	5½	3½	50	40	Sulphur	P	Sand 15; clay stones 50; clay boulders 90; sand 149; gravel 150.
Con I	" 3	J. A. McGregor	Johnston Well Drillers	Jan. 20, 1953	4	4		24	Fresh	D	Top soil 1; red clay 3; stony blue clay 62; silt sand 70; coarse sand 76; gravel hardpan 98; grey shale 100.
Con I	" 3	"	"	Feb. 28, 1953	4	4		25	"	D	Top soil 1; red clay 4; stony blue clay 78; silt sand 84; sand 91; gravel hardpan 111; gravel 112; grey shale 115.
Con I	" 3	J. Tiede	E. E. Hoover	Dec. 14, 1954	5½	5	50	40	Sulphur	D, S	Sand 18; blue clay 80; sand gravel 120; gravel 140; dark rock 146.
Con I	" 8	G. Campbell	McLeod/McBeth	Jun. 16, 1954	4½	6	40	30	"	D	Top soil 3; fine sand 16; hardpan 60; blue clay 90; hardpan stones 104; hard blue limestone 120.
Con I	" 13	W. Fishback	R. Smith	Jun. 17, 1954	2	4		55	Fresh	P	Clay stones 44; blue clay 61; fine sand 76.
Con I	" 31	R. McCartney	"	May 1, 1953	2	2½		16	"	D	Clay stones 38; coarse sand 46.
Con I	" 31	J. McCartney	W. B. Dale	May 18, 1953	3½				Sulphur		Clay stones 39; quicksand 60; clay stones 114; hardpan 168; sand 205; fine sand 207; grey limestone 232. Abandoned.
Con I	" 31	J. Hazelwood	R. Smith	Jul. 22, 1954	2	2½		28	Fresh	D, C	Clay 40; fine sand 48.
Con I	" 44	G. M. Peckham	H. T. Siegrist	Nov. 9, 1954	5½	4	113	100	"	D	Gravel 30; hardpan stones 50; sand 60; gravel stone 65; gravel 85; hardpan stones 125; gravel 126.
Con I	" 45	Byron Village	International Water Supply Ltd.	Sep. 29, 1954	5½					T	Top soil brown sandy clay 8; soft sandy grey clay silt 30; grey clay hard packed fine gravel 56; hard packed fine gravel 61; grey clay fine gravel 72; sandy grey clay fine gravel 129; hard cemented dirty fine gravel clay 164; hard packed grey clay fine gravel 180; dark clay shale 193.
Con I	" 45	"	"	Oct. 20, 1954						T	Top soil 5; soft sand grey clay 77; grey clay hard cemented fine gravel 89; not very clean fine gravel 105; sandy grey clay fine gravel 120; grey clay hard fine gravel streaks of cemented gravel 167.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY-cont										
Westminster Twp.cont										
Con II lot 3	P.Jenkins	R.Smith	Mar.25,1954	2	4		37	Fresh	D,S	Clay 55;fine quicksand 155;coarse sand 165.
Con II " 25	M.Wilkinson	"	Apr. 8,1954	2	3		30	"	D,S	Clay 15;blue clay 30;sand 50;clean sand 68.
Con II " 28	B.Everett	"	Jun.28,1954	2	4		50	"	D,S	Clay 15;blue clay 103;hardpan 105;gravel 115.
Con II " 32	W.L.Balentyne	I.Lounsbury	Jul. 2,1953	4	3	60	20	"	In	Clay 58;fine sand 65.
Con II " 32	"	"	Feb.27,1954	8			42	"	"	Old well 142;hardpan 212; dirty sand gravel 226;black shale 242;limestone. Abandoned.
Con II " 32	"	"	Mar.27,1954	5½	12	98	32	"	In	Brown clay 3;blue clay 51;fine sand 65;blue clay 112;coarse gravel 116.
Con II " 32	"	W.J.George	Jul.17,1954	5			28	"	T	Clay 6;sand 8;clay 39;sand gravel 53;clay 64;gravel 66;clay 118;gravel 125;clay 151.
Con II " 37	P.Clark	W.B.Dale	Oct.12,1953	3½	2½	15	12	"	D	Brown clay 10;boulders 12;grey clay 31½;sand 32.
Con II " 37	HollandiaGdns.	I.Lounsbury	Dec.14,1954	5½	5	22	8	"	D	Brown clay 3;blue clay 33;sand.
Con III " 1	G.Manning	R.Smith	Jun. 8,1953	2	6	16	15	"	P	Clay 27;fine clean sand 37.
Con III " 14	"	"	Nov.18,1953	2	10	50	50	"	D,S	Clay 75;fine quicksand 115;fine gravel 123.
Con III " 20	F.Lipsitt	W.B.Dale	Jun. 8,1954	4	6	19	14	"	D	Top soil 1;yellow clay 58;soft blue clay 63;blue clay 70; fine sand hardpan 76;sand gravel 77.
Con IV " 1	R.McLellan	R.Smith	Nov.11,1953	2	3	85	70	"	D,S	Clay stones 35;blue clay 75;hardpan 78;fine quicksand 85; fine sand 90.
Con IV " 1	D.Stouwer	"	Dec.27,1953	2	12	11	11	"	D,S	Blue clay 37;fine sand 51.
Con IV " 10	School S #10	W.B.Dale	Mar. 5,1953	4				"	"	Clay 4;yellow sand 6;clay 90;quicksand 98;clay 135;sand clay 194;sand clay 225;hardpan 229;sand clay 242;hardpan 246; quicksand 272. Dry hole.
Con IV " 10	School S #10	W.L.McBeth	Sep. 8,1954	5½	10	115	90	Fresh	P	Brown clay 10;sand and clay mixed 20;blue clay 150;clay and sand mixed 228;yellow soapstone 268;dark brown soapstone 290; clay stones 303;bedrock 337.
Con IV " 20	London Public Utilities Comm	International Water Supply Ltd.	Sep.17,1954					"	T	Blue clay 23;clay gravel 32;blue clay 50;clay gravel 57;silty sand gravel 58;clay sand gravel 73;silty sand clay gravel 79; clay gravel 131;silty sand clay 135;clay gravel 159;clay gravel boulders 186;shale 202.
Con V " 7	G.Smith	R.Smith	Nov.24,1953	2	3	75	60	Fresh	D,S	Clay 10;blue clay 75;fine sand 86.
Con V " 14	J.A.McGregor	Johnston Well Drillers	Jul.24,1953	2	3		49	"	D	Top soil 1;red clay 4;gravel 50;clean gravel 61;blue clay 63.
Con V " 21	London Public Utilities Comm	International Water Supply Ltd.	Oct.21,1954	10	135	87	20	"	P	Earth 3;brown clay boulders 17;gravel clay boulders 25;clay gravel 30;gravel boulders clay 34;fine gravel little boulders 39;fine gravel 43;fine gravel little boulders clay 51;silty sand 58;gravel 61;gravel clay 65;gravel sand 73;fine sand gravel 110;gravel clay 112;fine gravel sand 114;clay gravel sand 116;gravel sand 130;silty sand boulders clay 131;clay gravel 133.
Con V " 21	"	"	Nov.15,1954	10	400	35	21½	"	T	Brown clay boulders 4;brown clay boulders gravel 10;grey clay gravel 33;grey clay 40;grey clay gravel boulders 45;gravel sand small boulders 55;grey clay 56;gravel sand 74;gravel clay 76;gravel sand 103.
Con V " 21	"	"	Dec. 2,1954	10	531	43	9	"	T	Grey clay gravel 9;gravel boulders 20;gravel boulders grey clay 25;gravel boulders 31;gravel silty sand 36;gravel sand 80.
Con VI " 20	J.Johnston	R.Smith	Dec. 6,1954	2	4	70	61	"	D,S	Clay 12;blue clay 70;fine sand 86.
Con VII " 4	J.Euhster	W.L.McBeth	Jan.15,1953	3½	6	40	27	"	D,S	Red clay 15;blue clay 35;clay boulders 50;fine yellow sand 150;gravel sand mixed with clay 187;clay hardpan 190; coarse gravel.
Con VII " 8	I.Boug	W.B.Dale	Mar.13,1954	4½	2	56	30	"	D,S	Top soil 1;yellow sand 5;yellow clay stones 28;quicksand clay 122;stones clay 123;heaving sand 150;fine sand 151.
Con VII " 17	R.Dalton	WardwaterSupply	Jan.15,1953	2	3		60	"	D,S	Clay 107;coarse sand 119.
NT RE " 71	W.T.Surh	I.Lounsbury	Nov.30,1954	5½	6	25	4	"	D	Blue clay 37;sand.

## MIDDLESEX COUNTY-cont.

## Westminster Twp.-cont.

NT RW	lot 56	G. Bradish	W.B. Dale	Jan. 15, 1954	3½	10	100	58	Fresh	D, S	Brown clay 40; boulders clay 41; blue clay 123; hardpan 124; clay 176; hardpan sand 181; sand 182.
NT RW	" 58	R. Thomas	"	Nov. 13, 1954	4	8	115	72	Sulphur	D, S	Black loam 2; blue clay 223; hardpan stones 298; gravel silty sand 301½; hard blue rock 303.
NT RW	" 70	S. Zabenhaylo	I. Lounsbury	Dec. 18, 1954	5½	18	50	40	Fresh	D	Brown sandy loam 4; blue clay 63; hardpan 66; gravel 68.
NT RW	" 72	F. Zimmer	W.B. Dale	Jul. 28, 1953	5	6	124	87	"	D	Brown clay boulders 18; blue clay 34; fine gravel 35; fine sand clay 104; soft clay 200; hardpan 204; sand 218.
NT RW	" 78	London Public Utilities Comm	International Water Supply Ltd.	Jan. 12, 1954	5½					T	Top soil yellow sandy clay 4; packed brown sand gravel clay 27; cemented streaks brown sand gravel clay 53; greyish sand silty clay 74; grey clay sand 82; cemented sand gravel grey clay rock 105½.
NT RW	" 78	"	"	Jan. 20, 1954	5½	75	2½	23½	Fresh	T	Top soil yellow sandy clay 4; sand gravel silt clay 44; sand gravel 74; sand gravel grey clay 79.
West Nissouri Twp. Con I	lot 9	Upper Thames River Cons. Authority	I. Lounsbury	Mar. 25, 1954	8	30	52	31	Fresh	P	Gravel 18; heavy gravel stones 52; gravel 56.
Con I	" 9	"	International Water Supply Ltd.	Sep. 25, 1953	5½					T	Top soil 4; very dirty coarse sand coarse gravel 20; sandy grey clay 27; very hard grey clay fine gravel 78; very hard cemented fine gravel 83.
Con I	" 11	A. Hill	J.D. Hayden	Sep. 22, 1953	4	20	45	45	Fresh	D, S	Clay 4; gravel 9; gravel hardpan 23; silty sand 35; clay 55; sand 58; clay 79; gravel 90; brown limestone 103; putty rock 105; grey limestone 117.
Con II	" 1	T. Kapelo	I. Lounsbury	May 22, 1953	6	2½	15	12	"	D, C	Blue clay 18; hardpan boulders 89; gravel 90.
Con II	" 6	H. Duffin	J.D. Hayden	Jul. 6, 1953	4	8	18	15	"	D, S	Clay 6; sand 18; hardpan 50; silty sand 54; hardpan sand stones 82; sand stones 91; sand shale 94; brown limestone 111.
Con II	" 20	Delitala and Zecchini	H.T. Siegrist	Aug. 31, 1953	4	4	100	58	"	S	Top soil 1; sandy clay 6; hardpan 50; sand 60; blue clay 80; sandy clay 93; sand 120; clay stones 155; limestone 160.
Con III	" 6	W. Goatley	J.D. Hayden	Jun. 29, 1953	4	25	17	15	"	D, S	Stones 5; clay 12; red sand 22; gravel sand stones 68; sand hardpan stones 96; grey limestone 210; brown limestone 218.
Con III	" 7	H. Henshaw	H.T. Siegrist	Oct. 29, 1954	4	4	40	40	Sulphur	D, S	Top soil 1; sand 10; hardpan 44; clay stones 93; sand 100; gravel sand bedrock 110.
Con III	" 16	K. Brock	J.D. Hayden	Oct. 5, 1954	4	6	65	45	"	D	Dug well 20; gravel 35; hardpan stones 64; sand 67; hardpan 72; sand stones 84½; shale 88.
West Williams Twp. Con VII	lot 12	D. Campbell	A.A. Heal	Oct. 21, 1953	2	6		51½	Fresh	D, S	Old well 38; blue clay 75; hard sandy clay 79; clay sand gravel 80; clean sand 90; dirty fine sand 98½.
MUSKOKA DISTRICT Brunel Twp. Con XIV	lot 14	G. Huffman	F.C. Hammond	May 14, 1954	4½	3	20	8	Fresh	D	Sand boulders 30; gravel boulders 38.
Chaffey Twp. Con II	lot 12	A. White	F.C. Hammond	Feb. 3, 1953	5	9	50	35	Fresh	D	Clay 60; granite 68.
Con II	" 12	G.I. Bruce	"	Dec. 3, 1953	5	5	32	22	"	D	Sand boulders 30; hardpan boulders 47; grey granite 50.
Con II	" 14	M. Mathewson	"	Mar. 20, 1954	5	1			Flows	"	Clay 18; caving marl stones 40; cemented gravel 45.
Con II	" 17	Broneslaw/Giza	"	Aug. 6, 1954	5	3	30	13	"	D	Clay boulders 12; dark granite 41.
Con II	" 17	E.S. Manning	"	Aug. 11, 1954	4	5	6	6	"	D	Boulders gravel 10; broken rock 12.
Con IV	" 19	G.R. Graham	W. Sanderson	Apr. 6, 1954	6½	3	90	42	"	D	Brown sand 41; red granite 150; loose broken granite 153.
Con XIV	" 20	Cdn. Charcoal	F.C. Hammer	Jun. 25, 1954	5	5	25	20	"	In	Fine sand 30; gravel 40.
Franklin Twp. Con 9	lot 7	E. McMullen	F.C. Hammond	May 14, 1954	5	3	60	40	Fresh	D	Quicksand 75; fine gravel 84.
Con VI	" 6	E. Crawford	"	Feb. 12, 1953	5	5		14	"	D	Sand hardpan 6; granite 61½.
Con VI	" 8	W.S. Squires	"	Jul. 21, 1953	5	2	20	7	"	D	Sand hardpan 16; granite 30.
Con IX	" 9	School	"	Jun. 7, 1954	5			30	"		Loam 30; quicksand 120; blue clay sand 140. Abandoned.
Con IX	" 9	"	"	Jun. 10, 1954	5	5	35	28	"	P	Sandy loam 30; sharp sand 56.
Con XIII	" 20	T.L. McNut	"	Jul. 31, 1954	5	½	130	10	"	D	Clay boulders 9; grey granite 130.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MUSKOKA DIST.cont.										
Franklin Twp.cont.										
Con XIII lot 20	T.L.McNutt	F.C.Hammond	Aug. 4, 1954	5	7	18	5	Fresh	S	Clay 6; granite 23.
Con XIV " 20	"	"	Jul. 9, 1954	5	10	45	Flows	"	D	Clay 3; grey granite 54.
Con XIV " 20	"	"	Jul. 16, 1954	5	5	20	5	"	S	Clay 4; grey granite 33.
Huntsville	G.R.Clark	F.C.Hammond	Feb. 19, 1954	5	4	56	27	Fresh	D	Clay boulders 36; granite 56.
Huntsville	E.Berchall	"	Feb. 26, 1954	5			32	"	D	Clay 10; clay boulders 40; granite 51.
Medora Twp.										
Con B lot 14	G.H.Green	F.C.Hammond	Apr. 28, 1954	5	1	46 1/2	6 1/2	Fresh	D	Clay 4; granite 46 1/2.
Monck Twp.										
Con A lot 6	M.Gibbs	F.C.Hammond	Jul. 10, 1953	5	1	24	9	Fresh	D	Sand boulders 5; grey granite 33.
Muskoka Twp.										
Con VII lot 28	H.Groke	F.C.Hammond	Jun. 2, 1953	5	1	40	3	Fresh	D	Sand gravel 4 1/2; granite 44.
Con VIII " 4	Can. Dep. Transp	"	Jul. 14, 1953	5				"		Quicksand 60. Dry hole.
Con IX " 4	"	"	Jul. 13, 1953	5	10	20	15	"	P	Brown sand 30; granite 40.
Con X " 14	C.H.Rapp	"	May 7, 1953	5	12		18	"	D	Boulders hardpan 23; dark granite 100.
Con XII " 2	J.Lloyd	"	Jun. 26, 1953	5				"		Clay loam 19; granite 136. Dry hole.
Sinclair Twp.										
Con III lot 19	J.Walker	F.C.Hammond	Oct. 23, 1953	5	6	15	15	Fresh	P	Soil 2; granite 58.
Stephenson Twp.										
Con XIII lot 33	C & E Hawn	F.C.Hammond	May 13, 1953	5	4	150	75	Fresh	P	Coarse sand 42; fine sand 75; quicksand 180; fine sand 200.
183 MISSIPING DISTRICT										
Airy Twp.										
Con V lot 5	P.Bordowetz	Marquardt & Son	May 13, 1953	4	2 1/2	20	15	Fresh	D	Sand 25; grey granite 34.
Bonfield	O.Martin	W.C.Brochu	Nov. 16, 1953	2	3	3	3	Fresh	P	Clay 5; rock 50.
Bonfield	H.Deschenes	"	Nov. 17, 1953	2	3	5	5	"	C	Red and grey granite 52.
Cache Bay	G.Gordon	Subterra Explora-	Jun. 6, 1953	1 1/2	2	18	17	Fresh	D	Granite 99.
Cache Bay	R.Bain	tion Co. "	Jun. 9, 1953	1 1/2				"		Granite 145. Dry hole.
Cache Bay	"	"	Jun. 11, 1953	1 1/2				"		Granite 108. Dry hole.
Caldwell Twp.										
Con III lot 4	A.Ethier	S.Bradley	Jul. 26, 1953	2	4	14	14	Fresh	D	Greyish soapy clay 102; whitish quicksand 125; gravel 137.
Chisholm Twp.										
Con VIII lot 4	F.Stockill	V.N.Miller	Oct. 7, 1954	6	8	30	20	Fresh	D	Clay boulders 20; grey granite 40; red granite 54.
Con X " 5	School	"	Aug. 25, 1954	6	23		10	"	P	Boulder clay 10; hard grey and red granite 40.
Crerar Twp.										
Con IV lot 1	A.Dupras	S.Bradley	Feb. 15, 1954	2	1 1/2	24	18	Fresh	D, S	Sandy clay 105; red and grey granite 161.
Con IV " 2	L.Boileau	"	Oct. 31, 1953	2	7	42	42	"	D	Brown sand 2; gravel 42; grey quicksand 67; soapy grey clay 97; coarse gravel 102.
MacPherson Twp.										
Con II lot 4	W.Corriveau	S.Bradley	Dec. 11, 1953	2	7	8	8	Fresh	S	Coarse gravel 32; red granite 72.
Con VI " 3	E.Chretien	"	Jul. 6, 1953	2	3	12	5	"	D	Clay 24; red granite 133.
Murchison Twp.										
Con I lot 14	A.Bresuham	Marquardt & Son	May 28, 1953	4	5	11	8	Fresh	D	Sand 8; grey granite 20.





# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY-cont.										
Charlotteville Twp. cont.										
Con I lot 19	J.Conway	R.Hodgson	Aug. 9,1954	6 $\frac{1}{2}$	5	20	10	Fresh	D	Sand fill 3;dirty sand clay 107;clay 114;sand clay 130; limestone 136.
Con II " 7	N.Bartholomy	"	Jun.30,1954	8	150	200	.0	"	Ir	Sand 82;clay 87;sand 110;clay 122;sand clay 192;sand 216; clay 253;white limestone 274.
Con II " 20	W.Newland	"	Oct.26,1954	6 $\frac{1}{2}$	7	58	58	"	D,S	Dug well 16;yellow clay 45;gravel 65.
Con III " 20	M.McIssac	"	Jul.31,1954	4	6	40	36	"	D	Sand 10;coarse sand hardpan 46;sand 52.
Con III " 20	H.Hawick	"	Oct. 1,1954	4	1	35	34	"	D	Sand 3;coarse sand 18;hardpan 24;sand 52.
Con V " 22	H.Hutchinson	S.Linton	Nov.22,1954	1 $\frac{1}{2}$	5		27	"	D	Redish clay 12;grey sand 37.
Con VII " 1	V.Winter	"	Dec.13,1954	1 $\frac{1}{2}$	4		9	"	D	Yellow sand 3;fine grey sandy silt 36.
Con VII " 7	E.Adams	C.Strome	Oct. 6,1954	5 $\frac{1}{2}$	1	30	26	"	D	Top soil dark sand 8;clay sand 9;dry sand 12;dark fine sand 16;grey sand 26;dark fine sand 31.
Con IX " 14	T.Jansen	S.Linton	Dec. 4,1954	1 $\frac{1}{2}$	10		4	"	D,S	Yellow sand 4;fine grey sand 17.
Con IX " 24	J.Coats	"	Oct.29,1954	1 $\frac{1}{2}$	5		15	"	D	Fine yellow sand 9;fine grey sand 15;fine gravel 24.
Con X " 22	N.Jaques	W.Burwell	Apr.12,1954	1 $\frac{1}{2}$	4	15	7	"	P	Sandy loam 4;fine sand 20;blue clay 25;sand 41.
Con X " 22	V.Jaques	"	Aug.15,1954	1 $\frac{1}{2}$	6	10	5	"	P	Dry sand clay 25;sand 36.
Con XI " 8	S.Scheers	W.A.Belore	Jun.15,1954	2	6	16	15	"	Ir	Red sand 15;grey sand 23;sand 38.
Con XII " 4	J.Vinnai	"	May 8,1954	2	6	24	24	"	D,S	Red sand 20;grey sand 41;sand 61.
Middleton Twp.										
TRN Con I lot 20	W.Cadman	G.Warren	May 5,1953	3	10	20	9	Fresh	D,C	Yellow sand 4;running sand 6;clay stone 51;quicksand 64.
TRN Con I " 20	C.Swatridge	"	Jul.25,1953	3	3		10	"	D,S	Dry sand 6;clay 48;fine sand 54;putty sand 55.
TRN Con I " 20	A.Ronson	W.A.Belore	Aug. 3,1954	3	6	40	40	"	D,S	Red sand 15;putty sand 30;clay 170;rock 178.
TRN Con I " 20	H.Milmine	G.Warren	Aug.20,1954	4	2 $\frac{1}{2}$	40	15	"	C	Yellow sand 12;boulders gravel 18;grey clay 38;fine running sand 55.
TRN Con I " 42	F.Verbuyst	C.Strome	May 4,1954	3 $\frac{1}{2}$				"	"	Yellow sand 4;loam 11;clay stone 18;sand gravel 24;fine white sand 30;silt 45. Dry hole.
TRN Con I " 45	C.DeClerk	W.A.Belore	Sep. 5,1953	2			67	Fresh	D	Red sand 60;putty sand 120;gravel sand 157.
TRN Con II " 17	E.Aitchinson	Belore/Burwell	Nov.27,1953	5	3	30	15	"	D,S	Red sand 20;blue clay 40;sand 42.
TRN Con III " 3	School S #5	G.Warren	Aug.11,1953	2			116	"	P	Old well 20;clay 96;dry sand 116;sand 128.
TRN Con III " 7	B.Stonkus	"	Oct.23,1954	4	10	210	196	Sulphur	D,S	Grey clay 80;dry sand 96;putty sand 104;clay 110;putty sand 180;soft clay 246;shelly rock 247.
TRN Con III " 17	J.Narh	Belore/Burwell	Nov. 1,1953	1 $\frac{1}{2}$	6	14	14	Fresh	Ir	Red sand 40;white clay 42;fine sand 52.
TRN Con V " 3	H.Dark	W.F.Dodge	Nov. 3,1953	2	1	26	26	"	D	Blue clay 60;sand 62;grey clay 90;coarse sand 98.
TRS Con I " 11	J.Cosmos	C.Strome	Jan. 2,1954	3 $\frac{1}{2}$	6	2	2	"	D	Dark yellow sand 4;mixed red and white sand 9;coarse white sand 11;coarse dark-grey sand 20.
TRS Con I " 20	E.Troyer	W.A.Belore	Feb.26,1953	2		9	9	"	D,S	Red sand 8;grey sand 25.
TRS Con I " 22	P.Varga	W.L.Burwell	Mar.31,1954	1 $\frac{1}{2}$	4	10	6	"	D	Sandy top soil 3;blue clay 10;putty sand 14;sand 36.
TRS Con I " 41	A.Devos	C.Strome	Jun.15,1954	3 $\frac{1}{2}$	1	25	15	"	D	Dark sand 2;hard soil 7;clay gravel 15;fine sand 18;sand 24.
North Walsingham Twp										
Con VII lot 4	V.Spriet	C.Strome	Jun. 4,1954	3 $\frac{1}{2}$	2 $\frac{1}{2}$	5	3	Fresh	D	Red sand 3;white sand 9;grey sand 15.
Con VII " 13	J.Mussel	"	Jun.18,1954	5 $\frac{1}{2}$				"	"	Dark loam 8;blue clay 60;soft clay 75;soft clay putty sand 90. Dry hole.
Con VII " 13	"	"	Jun.18,1954	3 $\frac{1}{2}$	2 $\frac{1}{2}$	6	3 $\frac{1}{2}$	"	D	Dark sand 2;red sand 5;grey sand 10.
Con IX " 13	J.VanDamme	"	Nov.19,1953	3 $\frac{1}{2}$				"	"	Hard top soil 9;fine sand 10;hard clay 35;hard clay fine sand 76. Dry hole.
Con IX " 20	G.Brinker	C.Strome	Dec.22,1953	3 $\frac{1}{2}$	2 $\frac{1}{2}$	7	6	"	D	Red sand 5;white sand 9;sandstone 9 $\frac{1}{2}$ ;dry white sand 13; grey sand 27.
Con X " 10	J.Lang	"	May 11,1954	3 $\frac{1}{2}$	1 $\frac{1}{2}$	8	6	"	D	Dark sand 4;clay stone 9;clay stone sand 12;fine sand 18.
Con XI " 12	M.Moore	"	May 8,1954	3 $\frac{1}{2}$	4	8	6	"	D	Dark soil 2;yellow sand 6;white sand 10;dark sand 16.
Con XI " 14	G.Fassell	"	May 27,1954	3 $\frac{1}{2}$	2 $\frac{1}{2}$	13	11	"	D	Dark sand 5;clay sandstone 10;hard soil 14;fine to coarse sand 20.
Con XII " 18	A.Verstracten	C.Strome	Aug.15,1953	1 $\frac{1}{2}$			12	"	D	Clay 6;sand stone 10;grey sand 16.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY-cont.										
Woodhouse Twp.cont.										
Con V lot 1	L.Kome	R.Swayze	Mar.12,1954	6½			37	Fresh	D	Sand 10;boulders 20;sand gravel 41.
Con VI " 7	T.Leslie	"	Jan.23,1954	6½		33	3	"	P	Sand 90;clay 116;limestone 128.
Gore " 11	School	"	Jun.13,1953	6½	8		29	"	P	Clay 20;sand 35;gravel 41.
Gore " 18	S.Szilock	S.Linton	Nov.12,1954	1½	10		32	"	D,S,In	Old well 12;sediment 16;blue clay 22;coarse grey sand 35.
NORTHUMBERLAND COUNTY										
Brighton	F/R.Montgomery	J.W.Summers	Sep.17,1953	6	2		11	Fresh	P	Blue clay stones 9;blue-grey limestone 60.
Brighton	J.Entwistle	"	Sep.22,1953	5½	5	6	6	"	D	Hardpan 9;grey limestone 40.
Brighton	E.T.Walsh	Bailey & Lloyd	Jul.28,1954	5	2½	10	8	"	D	Grey limestone 27.
Brighton Twp.										
BF lot 6	N.Taft	Bailey & Lloyd	Jul.26,1954	5	2	11	8	Fresh	D	Grey limestone 23.
BF " 9	H.Lynes	J.W.Summers	Sep.16,1953	5½	2	40	9	"	D	Blue clay 7;grey limestone 40.
Con A " 24	J.F.George	"	Jan. 5,1954	6	4	14	6	"	D	Brown soil 4;large stones gravel 20.
Con A " 24	J.H.Wiggers	Bailey & Lloyd	Oct.24,1954	5			12	"	D	Clay 27.
Con A " 25	B.Rushnell	"	Jan.28,1954	5	8	20	17	"	D	Clay gravel 15;limestone 19;clay gravel 30;grey sand 31.
Con A " 25	A.L.Poggs	"	Sep.24,1954	5			19½	"	D	Clay and gravel mixed 34½.
Con B " 27	L.A.Hennessy	J.W.Summers	Aug.28,1953	5½	1		12	"	D	Grey clay 16;blue limestone 66.
Con III " 25	Trans Northern Pipe Line Co.	"	Apr. 7,1954	6	5	155	154	"	D	Top soil 10;brown soil boulders 30;blue clay stones 36;running sand 175;coarse sand gravel 184.
Con III " 33	H.Taylor	"	Feb.25,1954	6	10	104	104	"	S	Top soil 10;brown soil boulders 30;blue clay stones 36;running sand 175;coarse sand gravel 184.
Con IV " 3	Hydro-Electric	J.W.Summers	Apr.11,1953	6	12	9	9	"	P	Brown clay 46;gravel 47.
Con V " 9	P.L.Mutton	"	Jan.29,1953	5½				"	P	Dug well 24;brown clay stones 69;quicksand 70. Dry hole.
Con VIII " 3	M.Wolff	Bailey & Lloyd	Aug. 3,1954	5	2½	25	23	Fresh	D	Clay 43.
Campbellford	W.P.Scott	C.J.Fraser	Apr.18,1953	6	20	80	40	Fresh	D	Clay 5;sand gravel 10;clay boulders 15;clay 30;limestone 60.
Cramahe Twp.										
Con I lot 22	W.Hill	J.W.Summers	Aug.11,1954	6	5	54	54	Fresh	D	Light-brown sandy soil 30;blue clay 65;coarse gravel 70.
Con II " 17	A.Bangay	"	Aug. 1,1954	6	10	15	10	"	D	Light-brown soil stones 18;fine running sand 28;coarse gravel 30
Haldimand Twp.										
Con I lot 22	E.Robinson	J.W.Summers	Jun.30,1954	6	10	17	17	Fresh	D	Old well 18;grey clay gravel stones 54;fine grey clay few pebbles 70;sand coarse gravel 77.
Con I " 35	E & V Hartley	"	Jul.28,1954	6	5	25	22	"	D	Old well 12;clay stones 60;quicksand 75.
Hamilton Twp.										
Con B lot 12	W.G.Denney	J.W.Summers	Aug. 2,1954	6	15	11	10	Fresh	D	Light brown sandy soil 4;grey clay stones 16;grey clay sand gravel 18;shale 19;grey granite 40.
Con I " 1	R & R Laird	"	Jan. 2,1954	6	4	28	28	"	D	Brown soil stones 10;blue clay stones 70;gravel 74.
Con I " 14	J.Rawcliffe	R.Halford	Dec.16,1954	6	6	8	6	"	D	Clay 20;quicksand 68.
Con I " 22	P.Staples	J.W.Summers	Jan. 5,1953	6	5		15	"	D	Dark loam 2;brown clay sand gravel 8;grey clay 36;gravel 36.
Con I " 25	L.Lovshin	"	Jan. 8,1953	6	8	15	15	"	D	Grey clay hardpan with stones 40;grey limestone 70.
Con I " 30	B.Moore	W.Sanderson	Feb.23,1954	6½	5	20	4	"	D	Top soil 2;blue clay stones 15;dark limestone 35.
Con II " 16	C.Barth	J.W.Summers	Aug.14,1954	6	10	44	20	"	D	Light brown sandy soil stones 15;grey clay pebbles 36;gravel clay 56;sand gravel 66.
Con II " 28	S.Philp	R.Halford	Dec. 2,1953	4				"	"	Dug well 20;blue clay 95;hard blue shale 105.Dry hole.
Con II " 28	"	"	Feb.20,1954	6				"	"	Brown sand 2;blue clay 100;grey shale 155. Dry hole.
Con II " 28	"	"	Feb.24,1954	4	1			"	"	Brown sand 2;blue clay 75;gravel.
Con II " 32	R.Halford	"	Nov.25,1953	4	2			Flows	Fresh	Brown sandy loam 8;blue clay 60;gravel.
Con III " 18	W.Harris	"	May 20,1954	2	9	52	52	"	D,S	Top soil 3;brown sand 28;grey sand 64.
Con III " 32	B.Haunch	N.N.Paulkner	Dec.18,1954	6½	2½	64	20	"	D,S	Top soil 2;brown clay stones 20;stones grey clay 70;gravel 74.

NORTHUMBERLAND COUNTY-cont.

Hamilton Twp.cont.											
Con IV	lot 20	School S.#2	N.N.Faulkner	Oct.29,1953	6 1/2	13	60	17	Fresh	P	Till 50;silt 130;sand 135;gravel 141.
Con V	" 15	School S.#12	"	Oct.29,1953	6 1/2	8	60	30	"	P	Till 25;clay 60;sand 100;gravel 114.
Con VI	" 15	H.O.Hoskin	J.W.Summers	Jun.25,1954	6	5	183	183	"	D	Light-brown soil 10;grey clay 197;sand gravel 203.
Con VII	" 30	R.O.Gibbs	N.N.Faulkner	Jun. 4,1953	6	5	30	22	"	D,S	Till 50;gravel 52.
Con VIII	" 30	W.James	"	Feb.26,1954	6	8		28	"	D	Till 25;sand gravel 45.
Con VIII	" 15	St.George's Rectory	W.Sanderson	Aug.23,1954	6 1/2	24	40	25	"	D	Dark top soil 2;brown clay stones 30;soft blue clay 156;gravel 157.
Hastings		J.R.Boyle	N.N.Faulkner	Mar.12,1953	6	8	25	20	Fresh	D	Grey hardpan clay boulders 21;limestone 37.
Hastings		S.Blackburn	"	Mar.17,1953	6 1/2	6	20	10	"	D	Grey hardpan clay boulders 22;grey limestone 30.
Hastings		W.E.Edwards	"	Mar.23,1953	6	8	22	20	"	D	Dug well 24;grey clay hardpan 32;limestone 37.
Hastings		H.Anderson	"	Mar.28,1953	6	5	25	15	"	D	Grey hardpan clay boulders 36;gravel shale 39.
Hastings		A.Fogg	"	Mar.28,1953	6	2	18	4	"	D	Grey clay hardpan 7;limestone 24.
Hastings		St.George Church	"	Apr. 1,1953	6	3	37	20	"	P	Grey hardpan clay boulders 21;grey limestone 47.
Hastings		P.Luniz	A.Kennedy	Oct.13,1953	5	1/2	59	34	"	D	Red and grey clay boulders 18;grey limestone 59.
Hastings		W.Jones	"	Oct.21,1953	5	1/2	86	45	"	D	Red clay boulders mixed with gravel 32;bluish-grey limest.86.
Hastings		L.Scott	"	Oct.24,1953	5		20	10	"	D	Clay boulders 7;limestone 25.
Hastings		E.Berevett	W.Sanderson	Sep. 8,1954	10	7	80	15	"	P	Brown clay stones 8;dark-brown limestone 90.
Murray Twp.											
CPL	lot 12	W.Latour	B.Smiley	Sep.29,1953	6	2	40	5	Sulphur	D	Till 3;limestone 42.
Con A	" 4	L.Ashton	L.McClennon	Nov.28,1953	6	1	50	30	Fresh	D	Clay gravel 18;limestone 50.
Con A	" 4	J.Hanson	"	Dec. 3,1953	6	1	52	32	"	D	Dug well 9;brown clay shale 15;blue limestone 52.
Con A	" 16	I.Tange	J.W.Summers	Apr.22,1953	6	15	30	12	"	D	Brown clay 6;hardpan stones 40;gravel 41.
Con A	" 18	P.Rogers	H.E.Jones	Dec.22,1954	5	1	20	20	"	D	Top soil 2;sand clay 33;clay 44;limestone 48;gravel 50.
Con A	" 22	H.Benton	J.W.Summers	Aug.24,1953	5 1/2	5	4	4	"	D	Brown clay stones boulders coarse gravel 19.
Con C	" 10	J.E.Taylor	"	Sep. 5,1953	5 1/2	1	63	5	"	D	Blue clay 4;limestone 63.
Con C	" 22	C.Patterson	"	May 24,1954	6	5	20	20	"	D	Light-brown sand 23;blue clay 40;limestone 50.
Con I	" 5	L.McGaughey	B.Smiley	Sep.23,1953	6	80	32	9	"	D	Till 30;hard rock 31;limestone 32.
Con I	" 5	P.Hodge	"	Oct.10,1953	6	2	38	16	"	D	Till 22;limestone 44.
Con I	" 6	G.Ferguson	J.W.Summers	Sep.12,1954	6	24	14	14	"	D	Old well 11;gravel grey clay 30;coarse gravel 31.
Con I	" 6	P.Kingyens	"	Sep.15,1954	6	5	10	9	"	D	Old well 8;grey clay gravel stones 18;coarse gravel sand 20.
Con I	" 17	H.Lofferty	"	Mar.31,1953	6	8	78	78	"	D	Brown sand clay 8;gravel 90.
Con I	" 19	Cdn.Dept. of Agriculture	"	Aug.18,1953	6	2 1/2	81	81	"	D	Gravel 89.
Con II	" 5	V.Cocok	"	Nov.11,1953	6						Hardpan boulders 18;limestone 113. Dry hole.
Con II	" 5	C.E.Devon	"	Apr. 9,1954	6	10	30	20	Fresh	D	Sandy loam 5;limestone 30.
Con II	" 6	C.Gaurn	Bailey & Lloyd	Feb.11,1954	4	7	22	14	"	D	Clay gravel 20;stone hardpan 30;grey sand.
Con II	" 6	School	J.W.Summers	Sep.10,1954	6	10	38	35	"	P	Old well 18;sand gravel stones 35;grey limestone 66.
Con II	" 10	J.Pankoe	C.J.Fraser	Jul. 2,1954	6	15	36	36	"	D	Clay 5;clay large boulders 19;sand 27;clay with small stones 33;hardpan clay 60;gravel 64.
Con II	" 12	W.N.Young	J.W.Summers	Oct. 6,1954	6	10	24	20	"	D	Light-brpwn sandy soil 3;fine grey running sand 50;grey clay 75;coarse gravel sand 77.
Con III	" 2	V.Peck	H.E.Jones	Nov. 1,1954	5	1	7	7	"	D	Stones gravel 7;grey limestone 19.
Con III	" 12	J.Ormslaw	J.W.Summers	Jul. 6,1954	6	5	43	40	"	D	Dark-brown sandy soil 4;grey clay pebbles 40;blue clay stones 60;gravel 61.
Con VI	" 2	E.Rabel	McMillan/Cartley	Aug. 3,1953	5	8			Flows	D	Hard blue clay 14;grey limestone 25.
Con VI	" 2	M.Maybee	Bailey & Lloyd	Jun.27,1954	5	3	25	23	"	D	Sand 30;grey limestone 40.
Con VI	" 4	C.Jandrew	"	Jul. 3,1954	5	3	8	6	"	D	Gravel 6;shale 22.
Percy Twp.											
Con I	lot 19	I.Greenly	Bailey & Lloyd	Feb.16,1954	5	6	44	44	Fresh	S	Old well 52;gravel 60.
Con II	" 22	F.H.Huycke	"	Sep.18,1953	5	8	24	19	"	S	Clay gravel 31;hardpan 36;grey sand 37.
Con III	" 15	D.Rowe	J.W.Summers	Sep.28,1954	6				"		Black sandy loam 3;clay stones 20;fine grey sand clay 40;fine grey sand sharp gravel 43;grey limestone 101. Dry hole.
Con VIII	" 5	F.Coveney	N.N.Faulkner	Apr. 8,1953	6	8	60	15	"	D,S	Top soil clay 2;grey hardpan boulders 87;gravel 90.
Con IX	" 15	W.Orr	"	Mar.10,1953	6	5	41	20	"	D,S	Till 25;sand 51;gravel 53.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)	
NORTHUMBERLAND COUNTY											
cont.											
Percy Twp.cont.											
Con IX	lot 22	M.Moir	N.N.Paulkner	Nov.10,1954	6	7	18	8	Fresh	S	Top soil 2;sandy gravel blue clay 68;gravel shale 73.
Con X	" 19	School S #8	"	Mar. 7,1953	6	8	35	15	"	P	Till 50;sand 102;gravel 105.
Con X	" 20	W.Johnston	"	Nov.26,1954	6	6	48	45	"	D	Old well 18;blue clay stones 50;sand gravel 76.
Con XI	" 10	J.Flynn	Bailey & Lloyd	Jun. 2,1954	5	2	8	6	"	D	Grey limestone 16.
Con XII	" 13	E.Melvin	"	May 22,1954	4½	2	8	6	"	D	Grey limestone 16.
Con XII	" 13	W.Wassell	"	Jun. 4,1954	5	2	9	7	"	D	Grey limestone 21.
Con XII	" 15	H.McCann	"	May 31,1954	5	2	8	6	"	D	Grey limestone 16.
Con XIV	" 23	K.Glen	A.Kennedy	Sep.15,1953	5		14½	14½	"	D,S	Old well 14½;light-yellow limestone 59½.
Seymour Twp.											
Con I	lot 5	G.F.Bailey	Bailey & Lloyd	Aug. 1,1953	5	5	10	5	Fresh	D	Black loam 4;white limestone 21.
Con I	" 10	W.Witthun	C.J.Fraser	Jul. 8,1954	6	10	55	8	"	D	Fill 5;hardpan clay 27;limestone 55.
Con II	" 11	EmpireCheesePct	"	Jun.30,1954	8	40	17	17	Sulphur	In	Dug well 22;clay 30;limestone 155.
Con III	" 16	C.Dunk	"	Jul. 6,1954	8				"		Dug well 8;limestone 22. Dry hole.
Con IV	" 16	T.W.Bennett	"	Jan. 4,1954	8	1	40	18	"	D,S	Sand 2;clay 16;hardpan 20;gravel 23;limestone 60.
Con IV	" 19	C.Wallace	"	Dec.12,1954	8	20	20	20	Fresh	D,S	Sand 5;clay 14;limestone 65.
Con IV	" 20	A.Linn	"	Dec.28,1953	8	20		11	"	D	Till 10;limestone 75.
Con IV	" 23	V.Schram	"	Apr.10,1953	8	3	52	27	Sulphur	D	Clay 8;limestone 52.
Con V	" 7	T.Foresteel	Bailey & Lloyd	Aug.27,1953	6	8	26	22	Fresh	D	Clay stone 35;grey sand 36;gravel.
Con V	" 7	W.Anderson	"	Aug.28,1953	5	5	16	13	"	D	Clay gravel 21;grey sand 22.
Con V	" 9	R.Wilson	A.Kennedy	Aug.26,1954	5	4½	9	7	"	D	Boulders clay loam 13;gravel 15.
Con V	" 11	L.Spalla	Bailey & Lloyd	Nov.27,1954	5			6	"	D	Shale rock 4;grey limestone 27.
Con VI	" 24	Milne Bros.	C.J.Fraser	Mar.15,1953	8	10	180	45	"	D,S	Till 4;hardpan 8;limestone 180.
Con VII	" 5	M.Longmuir	Bailey & Lloyd	Jun.14,1954	5	2½	8	6	"	D	Clay loam 32.
Con VII	" 7	W.F.Scott	C.J.Fraser	Apr.15,1953	10	20	80	17	"	S	Dug well 18;limestone 80.
Con VII	" 12	J.Currie	Bailey & Lloyd	Apr.20,1954	5	3	23½	23½	"	S	White clay boulders 27½;grey sand 28½.
Con VII	" 14	C.Wells	"	Apr. 2,1953	6	8	3	3	"	D	Limestone 12.
Con VII	" 14	W.Whittin	"	Sep.14,1953	5				"		Grey limestone 20. Dry hole.
Con VII	" 14	"	"	Sep.22,1953	5	83	4	4	"	In	Grey limestone 24.
Con VII	" 14	O.Ben	"	Sep.26,1953	5	10	4	4	Sulphur	D	Clay 2;grey limestone 14.
Con VII	" 14	E.Munden	"	Oct. 2,1953	5	5	3	2	"	D	Grey limestone 10.
Con VIII	" 14	A.P.Pearce	A.Kennedy	Apr. 9,1954	5	1	16	7	Fresh	D	Clay sand 1;grey limestone 19.
Con VIII	" 14	G.Peak	Bailey & Lloyd	May 1,1954	5	8	16	7	slight Sulphur	S	Grey limestone 34.
Con VIII	" 15	J.A.Thomson	"	Jun.22,1953	5	1	16	6	Fresh	D	Limestone 16.
Con VIII	" 15	H.Abernathy	C.J.Fraser	Aug.11,1953	6	3	62	15	"	D	Till 1;limestone 62.
Con X	" 3	O.Brahoney	A.Kennedy	Jun. 9,1954	5				"		Dug well 7½;grey limestone 62½. Dry hole.
Con X	" 3	"	"	Jun.15,1954	5				"		Dug well 16½;grey limestone 90. Dry hole.
Con X	" 16	Can.Dpt.Transp	C.J.Fraser	Aug.25,1953	6	25	95	20	Fresh	D	Fill 18;limestone 95.
Con XII	" 14	A.Mullock	A.Kennedy	Jun. 9,1953	5½		6	6	"	P	Black clay loam 8;limestone 19.
Con XIV	" 5	G.Burma	"	Aug.25,1953	6	1	20	8	"	D	Soil 7½;limestone 26½.
Con XIV	" 5	K.Brownell	"	Sep. 6,1954	5	3	20	18	"	D	Dug well 17;grey limestone 40.
Con XIV	" 5	W.Wright	"	Sep. 7,1954	5	3	18	17	"	D	Clay loam boulders 14;shale limestone 31½.
Con XIV	" 6	J.Brown	"	Aug.30,1953	5				"		Red clay 8;grey limestone 49. Dry hole.
Con XIV	" 6	"	"	Sep. 3,1953	5		26	26	"	D	Red clay 8;grey limestone 48.
Con XIV	" 6	W.Bud	"	Sep. 8,1953	5			10	"	D	Hardpan boulders 21;white limestone 24.
Con XIV	" 6	D.Dart	"	Sep.10,1953	5		8	8	"	D	White clay sand 15;yellow limestone 20.
Con XIV	" 6	M.Levesque	"	Aug.19,1954	5	1	18	15	"	D	Clay loam sand boulders 19;shale limestone 23½.
Gore	" 2	P.Suchanan	"	Nov.20,1953	5	10	14	10	"	D,S	Old well 15;hardpan gravel 31.
Gore	" 11	H.McKewan	"	Sep.19,1953	5	1		14	"	D	Dug well 18;reddish-brown sand mixed w/clay 31;grey limest.40.

**NORTHUMBERLAND COUNTY-cont.**

South Monaghan Twp.													
Con A	lot 2	H.Cordery	N.N.Faulkner	Sep.28,1954	6	8	118	115	Fresh	D	Dug well 40;gravel blue clay 112;sand gravel 137;fine gravel 138.		
Con I	" 3	A.G.Anderson	"	Oct.16,1953	6½	8	61	45	"	D,S	Top soil clay 1;grey hardpan 80;gravel 86.		
Con II	" 1	W.Dart	"	Aug. 9,1954	6	14	33	29	"	S	Top soil 2;brown clay big stones 18;blue clay little sand 50; blue clay gravel 53.		
Con II	" 12	G.Pinnie	"	Dec.17,1954	6	17	97	92	"	S	Top soil 2;blue clay small stones large stones 60;blue gravelly hardpan 127;gravel layers of shale 132.		
Con VI	" 1	G.Reynolds	C.Goodberry	Sep. 5,1953	6	15	22	12	"	D	Sand 54.		
ONTARIO COUNTY													
Brock Twp.													
Con V	lot 13	Village of	International	Mar. 5,1954	2	35	5	3½	Fresh	T	Top soil 1;coarse gravel fine boulders small streaks of clay 30;boulders sand gravel 34.		
Con VI	" 12	"	Water Supply Ltd	Feb.19,1954	7½					T	Top soil 1;fill 2;sandy brown clay gravel 14;broken gravel sand streaks of clay boulders 29;gravel sandy blue clay 35;hard packed clay 45;soft sandy blue clay gravel 50;gravel hard packed sandy blue clay 53;sandy blue clay fine gravel streaks of hard gravel 84;gravel hard packed sandy clay gravel 88½;boulders 89.		
Con VI	" 13	"	"	Feb.25,1954	7½					T	Top soil 1;brown clay gravel 4;gravel streaks of clay boulders 14;blue clay 15;gravel sand boulders streaks of clay 25;sandy blue clay gravel 65;cemented sand and gravel 67;sandy blue clay gravel 69;rock 74.		
Con X	" 13	G.Zekveld	F.R.Bowdway	Oct.12,1954	5½			10	Fresh	D,S	Dug well 40;hardpan stones 52;gravel 55.		
Con XIII	" 3	R.Cornier	"	Aug.31,1954	5½						Hard blue clay boulders 60;limestone 110. Dry hole.		
East Whitby Twp.	lot 5	A.N.Hill	N.N.Faulkner	Feb.26,1954	6½	8	70	55	Fresh	D	Dug well 40;grey clay 179;gravel 180.		
Con III	lot 12	J.Freeman	Hoskin Bros.	Sep.17,1953	36			25	Fresh	D	Clay loam 1½;soil clay 3;grey clay stones 20;blue clay stones 30;sand 33.		
Con I	" 18	A.Manson	"	Aug.31,1953	36			23	"	D	Clay loam 2;hardpan stone 31½.		
Con I	" 18	B.Sherrand	"	Nov.28,1953	36			12	"	D	Black loam 1;subsoil stones 6;clay stones 20;gravel some clay 25.		
Con II	" 1	H.Lofthouse	"	Jul.27,1953	36			9	"	D	Sandy loam 2;clay 12;sand 15.		
Con II	" 14	M.Inche	"	Sep.11,1953	36			20	"	D	Clay loam 1;clay gravel 5;grey clay stone 25;blue clay stone 37½		
Con III	" 1	G.Glaspell	"	Jan.12,1954	36			25	"	D	Gravel loam 1;gravel clay 7;hard sand stone 22;stone hardpan sand 35.		
Con III	" 2	F.LaSalle	Hoskin Bros.	Feb.24,1954	36			16	"	D	Loam sandy soil 1½;subsoil 2½;clay gravel 16;sand gravel 30;sand 35.		
Con III	" 3	D.Kirby	"	May 20,1954	36			58	"	D	Black loam 1½;subsoil clay 3;clay small stones 10;clay gravel 20;grey clay stone 65;gravel 70.		
Con III	" 3	J.B.Arnand	N.N.Faulkner	Sep. 8,1954	6½	13	90	75	"	D	Top soil 1;gravel stones 30;sand 63;sandy grey clay 86;gravel grey clay 180;blue clay 194;gravel 195.		
Con III	" 4	F.M.Brooks	"	Jul.30,1954	6½	13	90	75	"	D	Top soil 2;brown clay small stones 30;sand 65;grey clay pebbles 185;grey clay 207;gravel 208.		
Con III	" 4	W.Woodcock	"	Sep.10,1954	6½	4	43	25	"	D	Top soil 1;stony brown clay 32;sandy brown clay 61;gravel 62.		
Con III	" 5	M.Walters	"	Aug.19,1953	6½	5	46	20	"	D	Till 40;till gravel 64.		
Con III	" 7	B.Jalker	"	Apr.26,1954	6½	5	41	2	"	D	Top soil 1;brown clay boulders 20;grey clay 45;gravel 46.		
Con IV	" 5	J.Forbes	Hoskin Bros.	Feb.26,1954	36			3	"	D	Clay loam 1½;subsoil 2½;clay stone 12;sand gravel 15.		
Con IV	" 5	R.Harrell	"	Mar.13,1954	36			14	"	D	Clay loam 2;subsoil 3;clay stones 50;clay gravel 55.		
Con IV	" 7	G.Hoskin	"	Mar. 1,1954	36			3	"	D	Clay loam 1;subsoil stones 2½;hard clay stone 20;clay gravel 25.		
Con IV	" 7	E.Parks	"	Mar. 8,1954	36			Flows	"	D	Clay loam 2;clay subsoil 3;clay stones 20;clay gravel 25.		
Con IV	" 7	R.Craig	"	Aug.19,1954	36			12½	"	D	Clay loam 1;subsoil 1½;clay stones 10;clay gravel 17;clay sand 22½.		
Con IV	" 7	E.Hurst	N.N.Faulkner	Sep.16,1954	6½	5	59	10	"	D	Top soil 1;brown clay 8;grey sandy clay 66;gravel 67.		
Con IV	" 10	Camp Samac	Hoskin Bros.	Sep.30,1954	36			6½	"	D	Black loam 2;subsoil clay 2½;gravel 5;clay stones 8;sand 12½.		
Con IV	" 10	"	"	Sep.30,1954	36			19½	"	D	Sandy loam 2;clay soil 2½;gravel 5;clay stone 10;clay 14;sand clay 22½.		
Con IV	" 10	"	"	Oct. 1,1954	36			15	"	D	Black loam 2;clay soil 3;clay stone 10;clay 15;clay sand 25.		

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ONTARIO COUNTY-cont.										
East Whitby Twp. cont										
Con IV lot 10	Camp Samac	Hoskin Bros.	Oct. 2, 1954	36			10	Fresh	D	Sandy loam 1½; subsoil 2; sand clay 10; sand 25.
Con IV " 11	G. James	"	Jun. 7, 1954	36			4	"	D	Sandy fill 4; sandy loam 5; subsoil 6½; sand gravel 10; sand 18.
Con IV " 11	C. McCullough	"	Sep. 10, 1954	36			17	"	D	Gravel fill 2; sand loam 3; sandy subsoil 3½; gravel 12; grey clay 12½; sand clay 15; sand 30.
Con IV " 11	"	"	Sep. 17, 1954	36			0	"	D	Fill 2; clay loam 3; subsoil 4½; gravel 10; clay gravel 30; sand clay 32.
Con IV " 11	Camp Samac	"	Sep. 28, 1954	36			24	"	D	Gravel 3; clay gravel 25; sand clay 29.
Con IV " 11	"	"	Sep. 29, 1954	36			24½	"	D	Fill 4; clay stone 6; gravel 10; clay gravel 23; sand clay 27½.
Con IV " 11	W. Wirshing	"	Nov. 6, 1954	36			20½	"	D	Clay loam 1; subsoil 2; gravel clay 12; sand clay 18; sand 22½.
Con IV " 12	D. F. Scott	"	Sep. 10, 1954	36			30	"	D	Sand loam 1½; subsoil 2; sand 12; sand clay 15; clay hardpan 30; clay sand 35.
Con IV " 14	W. Hallranko	"	May 31, 1954	36			8½	"	D	Clay loam 1½; subsoil 2; clay 14; clay gravel 16½.
Con IV " 16	L. Zukowski	"	May 15, 1954	36			Flows	"	S	Sandy loam 1; subsoil 1½; sand 5; sand clay 15; sand 30.
Con V " 9	J. Starkoski	"	Jun. 17, 1954	36			41	"	D	Sandy soil 1; subsoil 1½; sand clay 20; sand 45.
Con V " 9	W. Mountjoy	"	Nov. 8, 1954	36			43	"	D	Sandy loam 1½; subsoil 2; sand clay 11; clay 25; sand clay 35; sand 53.
Con V " 10	L. Fowler	"	Aug. 10, 1953	36			17	"	D	Gravelly loam 2; gravel 5; gravel clay 15; clay grey sand 20.
Con V " 10	J. Glover	"	Aug. 19, 1953	36			15	"	D	Gravel loam 1½; gravel 5; gravel clay 17; sand grey clay 20.
Con V " 10	H. Farndale	"	Aug. 31, 1953	36			12½	"	D	Gravelly loam 2; gravel 5; gravel grey clay 25; grey clay sand 27½.
Con V " 10	J. Glover	L. R. Hoskin	Nov. 8, 1954	36			15	"	D	Fill 2; gravelly loam 3½; gravel 10; grey clay 16; sand 18; grey clay 20.
Con V " 13	Mat. Stud Farm	Hoskin Bros.	Aug. 8, 1953	36			10	"	D	Clay loam 2; clay stone 15; clay stone hardpan 50.
Con V " 13	School	"	Aug. 10, 1953	36			20	"	P	Clay loam 1½; brown subsoil 2½; clay gravel 15; clay hardpan stones 25; grey sand 27½.
Con V " 13	Nat. Stud Farm	G. Hart & Sons	Feb. 21, 1954	6	5	117	Flows	"	D	Dug well 45; sand 115; gravel 117.
Con V " 13	"	"	Mar. 18, 1954					"		Dug well 22; blue clay 75; sand layers of gravel 175; black shale 210. Abandoned.
Con V " 13	"	Hoskin Bros.	Jun. 1, 1954	36			7½	"	S	Clay loam 1½; subsoil 2½; clay gravel 10; sand 17½.
Con V " 15	A. Hunter	"	May 18, 1954	36			33	"	D	Clay loam 1½; subsoil 2½; coarse sand 3½; sandy clay 15; clay 27; layers of clay 31; sand 35.
Con V " 17	J. D. Houghton	W. Sanderson	Nov. 2, 1953	6½	18	40	20	"	D	Old well 18; blue till 64; coarse sand gravel 65.
Con VI " 12	East Whitby Township Hall (Colombus)	Hoskin Bros.	Sep. 12, 1954	36			3	"	D	Clay loam 1; subsoil 1½; grey clay loam 10; clay 20; clay stone 27; sand 30; clay 35.
Con VI " 12	N. Scott	"	Sep. 12, 1954	36			19½	"	D	Clay loam 2; subsoil 4; clay stones 12; grey clay 17; sand 22½.
Con VII " 15	G. Dennis	"	Apr. 23, 1954	36			23	"	D	Clay loam 2; subsoil 3; clay stones 28; sand clay 32½.
Con IX " 13	Community Recreation Assn. (Raglan)	"	Dec. 2, 1954	36			14½	"	P	Clay loam 1; clay subsoil 2; clay stones 10; sand 10½; clay 15; sand 15½; clay 22½.
Mara Twp.										
Con B lot 14	G. Gilchrist	W. H. Baldwin	Nov. 20, 1953	6	1½		14	Fresh	D	Brown clay shale 12; grey limestone 30.
Con C " 13	W. C. Stratton	P. R. Boadway	Jun. 6, 1953	4½	3	20	15	"	D	Brown clay 5; blue clay stones 19; limestone 39.
Con VI " 21	S. Moore	L. J. Howell	Aug. 20, 1953	4	7	18	3	Sulphur	D	Black muck 7; fine sand 25; blue clay 35; limestone 58.
Con VII " 26	A. Lavine	P. C. Hammond	Jul. 16, 1953	5	33	4	4	Fresh	D	Clay shale rock 31; gravel 33.
Con VIII " 10	T. Harrington	A. R. Payne	Nov. 21, 1953	4	2	38	10	Sulphur	D, S	Grey clay 9; limestone 38.
Con VIII " 10	"	L. J. Howell	Jul. 16, 1954	4	2	20	15	"	D, S	Old well 30; limestone 55.
Con VIII " 12	J. McGowan	A. R. Payne	Oct. 28, 1954	4	3	22	13	Fresh	D, S	Dug well 15; limestone 75.
Con IX " 21	F. Clark	"	Oct. 12, 1954	4	10	22	20	"	S	Grey clay boulders 40; limestone 44.
Con IX " 25	H. Feskin	L. J. Howell	Aug. 5, 1953	4	7	12	12	"	D	Hardpan boulders 30; shale rock 33; limestone 47.
Con IX " 30	C. J. Miller	A. R. Payne	Jun. 15, 1954	4	7	3	0	"	D	Blue clay 44; limestone 44½.
Con X " 10	M. Barnes	L. J. Howell	Aug. 13, 1954	4	7	20	12	"	In	Grey clay boulders 15; limestone 30.
Con X " 25	J. Strath	"	Jul. 28, 1954	4	3	30	20	"	S	Hardpan boulders 70; limestone 75.
Con X " 29	A. Byers	A. R. Payne	Jun. 15, 1953	4	4	15	15	"	D, C	Old well 24; clay boulders 34; limestone 46.

ONTARIO COUNTY-cont.

Mara Twp.cont.

Con XI	lot 31	W.Misinchuk	L.J.Howell	Jul. 3, 1954	4	12	19½	18	Fresh	D	Hardpan odd stones 50;limestone 84.
Con XI	" 31	A.MacDonald	A.R.Payne	Oct. 9, 1954	4	5	30	30	"	D	Grey clay boulders 50;limestone 60.
Con XIII	" 26	F.P.Healy	"	Nov. 1, 1954	4	3	20	10	"	D	Grey clay 16;limestone 26.
Con XIII	" 28	A.Cook	"	May 20, 1954	4	4	20	12	"	D	Yellow clay boulders 28;limestone 29.
Oshawa		J.Boncheck	Hoskin Bros.	Dec.21, 1953	36			10	Fresh	D	Clay loam 2;clay gravel 9;sandy gravel 20.
Pickering Twp.											
Con I	lot 2	School S.#1	Hoskin Bros.	Feb.25, 1954	36			7	Fresh	P	Clay loam 2;subsoil 3;clay gravel 15;gravel sand 21½.
Con III	" 8	U.Blake	"	Nov. 3, 1953	36			25	"	S	Black loam 2;gravel 6;clay gravel 20;soft grey clay 29.
Con III	" 10	S.Wonnacatt	N.N.Faulkner	Jun.15, 1953	6½	4	46	25	"	D	Dug well 25;clay stones 65;gravel 66.
Con III	" 19	R.A.Borne	Hoskin Bros.	Aug. 3, 1954	36			26½	"	D	Fill 3;gravel loam 5;subsoil 6½;clay sand 27½;sand 31½.
Con IV	" 7	B.Carson	Hoskin Bros.	Aug.20, 1953	36			17	"	S	Clay loam 2;clay gravel 20;clay stone 22½.
Con IV	" 16	J.Ilott	PickeringDrilling Contractors	Nov.17, 1953	4	½	50	13	"	D	Dark sandy soil 2;brown clay 12;grey clay 77;coarse sand little gravel 84.
Con V	" 11	School	Hoskin Bros.	Nov.27, 1953	36			60	"	P	Loam 1½;subsoil 3;stone clay sand 65;hard sand 70;grey sand 72;clay hardpan 73;quicksand 74.
Con V	" 16	G.Stewart	C.E.Snider	Nov.18, 1954	6½	60		1	"	T	Top soil 3;sandy gravel 6;cemented gravel boulders 9;shallow layers of gravel 10;cemented gravel 17;loose gravel 23; boulder clay 32;blue clay 65;fine black sand 85;silt sand clay 100.
Con V	" 31	P.Heska	R.W.Renwick	Mar.28, 1953	4	7	20	18	"	D	Old well 65;fine sand gravel 70;clay 80;coarse gravel 85.
Con V	" 35	A.Calvert	E.W.Ludwig	Jun.16, 1953	4	8	13	13	"	D	Hardpan hard grey clay 50;greyish-white sand some boulders 62; gravel 70.
Con V	" 35	A.Calvert	"	Sep.16, 1953	4	6	25	10	"	D	Hardpan 45;sand 60;gravel 72.
Con VI	" 11	P.Clarke	Hoskin Bros.	Nov. 2, 1954	36			34½	"	D	Fill 1;clay loam 2½;clay stones 20;grey clay 28;blue clay 40; sand clay 42½.
Con VI	" 12	V.Wardle	PickeringDrilling Contractors	Sep.11, 1953	4	1	25	Flows	"	D	Dark loam 1;brown clay 3;grey clay 30;fine sand 35;grey clay 95.
Con VI	" 19	J.White	Hoskin Bros.	Aug.10, 1954	36			44½	"	D	Sandy loam 1;subsoil 1½;rusty sand clay 10;clay gravel 24; hard sand 47;quicksand 57½.
Con VI	" 19	A.Spang	E.W.Ludwig	Dec. 2, 1954	6						Hardpan clay stones 90;sand 110. Dry hole.
Con VI	" 19	"	"	Dec.18, 1954	6						Hardpan clay stones 80;sand 120. Dry hole.
Con VI	" 20	J.B.White	Huffman & Sons	Jun. 9, 1954	4½						Stones clay 15;yellow sand 59;grey sand 74;gravel 76;grey sand 96;sand gravel 105;sand 120. Dry hole.
Con VI	" 20	"	"	Jun.21, 1954	4½						Gravel 15;blue clay 130. Dry hole.
Con VI	" 20	"	"	Jul. 7, 1954	4½						Sand gravel 50;sand 80. Dry hole.
Con VI	" 31	Pugh & Sons	E.W.Ludwig	Nov.11, 1953	4	8	40	20	Fresh	D,S	Hardpan 70;blue clay 90;sand 110;gravel 116.
Con VI	" 31	T.G.Brown	"	Sep. 1, 1954	4½						Hard clay 100;sand 158. Dry hole.
Con VI	" 31	"	"	Sep.18, 1954	4½	10	26	66	"	D	Hard clay 100;sand 125;gravel 135.
Con VII	" 5	C.F.Disney	Hoskin Bros.	Jan. 7, 1954	36			41	"	S	Heavy loam 1½;subsoil 3;hard grey clay 21;soft grey clay 23; hard grey clay stones 45;gravel 49.
Con VII	" 8	T.Gordon	"	Feb.10, 1954	36			20	"	D	Black loam 1½;subsoil clay 6;grey clay 15;hard clay gravel 27½;clay gravel 40.
R III	" 25	W.Newman	R.W.Renwick	May 15, 1953	4	½	255	26	Salt	D	Brown sandy soil 26;blue clay 62;blue shale 255.
R III	" 25	"	"	May 29, 1953	4	4	30	12	Sulphur	D	Brown sandy soil 20;blue clay 36;gravel 40.
R III	" 28	School S #3	E.W.Ludwig	Jan.29, 1954	4			63	Fresh	D	Brown clay boulders 23;boulders stones 60;blue clay 93;black shale 123. Well later went dry.
Rama Twp.											
B.F.	lot 1	J.Herlin	A.R.Payne	Jun.15, 1954	4	10	7	6	Fresh	D	Yellow clay boulders 24;limestone 29.
B.F.	" 18	J.V.Freeman	L.J.Howell	Jan. 3, 1953	4	7	15	7	"	D,C	Clay 4;limestone shale 16;limestone 40.
Reach Twp.											
Con I	lot 22	B.Johnston	W.Sanderson	Nov.11, 1954	6½	30	30	12	Fresh	D,S	Old well 30;blue clay stones 88;coarse gravel 90.
Con IV	" 1	J.V.Philps	D.Graham	Oct. 1, 1954	2	4	90	30	"	D,S	Gravel 30;sand 95.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ONTARIO COUNTY-cont.										
Scott Twp.										
Con I lot 10	F. Brooks	F.R. Roadway	Jun. 12, 1954	5½	3	70	66	Fresh	D, S	Sand gravel 60; quicksand 80; clay sand 115; clay gravel 120; clay 125; gravel 131.
Con II " 1	B.E. Hopkins	"	Sep. 19, 1953	5½	4	64	58	"	D, S	Dug well 37; boulders clay 62; hardpan 75; gravel 79.
Con IV " 10	D.L. Stiver	"	Nov. 23, 1953	5½	4	58	55	"	D, S	Sand 4; brown clay stone 30; sand 50; sandy clay 60; coarse sand gravel 75.
Con V " 11	T. O'Beirn	"	Nov. 25, 1953	5½	5	50	48	"	D, S	Old well 51; sand gravel 68.
Con VI " 8	J. Wilson	Keswick Well Drill.	Apr. 19, 1953	4		50	30	"	D, S	Sand 6; gravel 55.
Con VI " 20	School S. #8	F.R. Roadway	Sep. 8, 1954	5½	6	38	34	"	P	Dug well 34; clay stone 60; coarse sand 95.
Con VI " 31	D. Fawns	"	Oct. 6, 1953	5½	4	65	60	"	D, S	Dug well 32; blue clay 140.
Con VII " 21	British Ontario Motors	Keswick Well Drilling	Apr. 9, 1954	4	3	15	15	"	C	White clay stone 17; gravel 30; coarse sand 40; gravel streaks of clay 45; grey gravel 55; clay small stones 66; gravel 67.
Scugog Twp.										
Con VI lot 22	School S. #1	Hoskin Bros.	Sep. 20, 1954	36			17½	Fresh	P	Clay loam 1½; subsoil 2; grey clay stone 46; sand 47½.
Con X " 9	J.H. Long	"	Jul. 24, 1953	36			6	"	D	Clay loam 1½; clay 3; sand 9.
Con X " 10	E. Follows	"	Jul. 24, 1953	36			15	"	D	Clay loam 2; clay gravel 5; gravel sand 17½.
Con XI " 5	H. Eden	"	Sep. 14, 1954	36			18	"	D	Black loam 1; subsoil 1½; clay 8; gravel 9½; clay gravel 17; sand clay 20.
Thorah Twp.										
Con II lot 21	J.K. Ogle	F.R. Roadway	Jun. 10, 1953	4½	2½	22	18	Fresh	D	Red sand clay 8; blue clay hardpan 45; limestone 48.
Con II " 21	R. Franco	Keswick Well Drl.	Jan. 16, 1954	4	1	33	15	"	D	Medium gravel 38.
Con VI " 14	B. Morrison	F.R. Roadway	Jul. 15, 1953	4½	1½	32	22	"	D	Clay 18; blue clay stone 70.
Uxbridge Twp.										
Con I lot 27	J. Morrison	D. Graham	Sep. 7, 1953	2	3		135	Fresh	D, S	Sand 150.
Con II " 31	M. Stewart	"	Dec. 17, 1954	2	3	25	25	"	D	Sand 35.
Con III " 5	B. Lambton	G. Pockler	Dec. 11, 1954	2	3	86	69	"	D, S	Dug well 62; clay gravel 87; coarse sand 91.
Con III " 15	H.E. Bunker	D. Graham	Apr. 14, 1954	2	2	100	100	"	D, S	Sand stones 100, sand 110.
Con III " 16	J. Wilson	"	Nov. 12, 1953	2	3	60	60	"	D	Grey sand 30; grey clay 60; grey sand 70.
Con III " 16	M. Maye	"	Apr. 21, 1954	2	3	65	65	"	D	Sand 75.
Con III " 17	M. Evans	"	Aug. 25, 1954	2	3	75	75	"	D, S	Dug well 40; sand 85.
Con III " 27	L. Gray	"	Nov. 20, 1953	2	4	15	15	"	D	Sand 110.
Con IV " 4	W. Symes	"	Aug. 12, 1954	2	3	90	90	"	D, S	Clay 90; sand 97.
Con IV " 21	S.A. Watt	B. Roffey	Jun. 29, 1953	4				"		Brown clay 20; brown sand 50; blue sand 125; hardpan 167; blue sand layers of clay 213; hardpan some stones 253. Abandoned.
Con V " 1	B. Sandwell	G. Pockler	Nov. 1, 1954	2	3	28	25	Fresh	D	Fine sand 25; sand gravel 65; clay and coarse sand mixed 75.
Con V " 28	G. Ewen	F.R. Roadway	Jun. 29, 1953	4½	5	45	35	"	D, S	Dug well 40; hardpan 140.
Con VII " 6	B.S. Wilson	D. Graham	Oct. 15, 1954	2	2	95	95	"	D	Sand 105.
Con VII " 14	C. Trenka	"	Nov. 6, 1953	2	3	95	95	"	S	Grey sand 100; sand 110.
Con VII " 28	H. Jot	D. Graham	Jun. 22, 1953	2	3	15	15	"	D	Grey sand 40; sand 55.
Con VII " 28	V. Kennedy	"	Jun. 26, 1953	2	3	15	15	"	D	Grey sand 55.
Whitby Twp.										
B.F. lot 19	G. Blackburn	Huffman & Sons	Aug. 20, 1954	6	6	28	18	Fresh	D, S	Yellow clay 8; blue clay 40; coarse gravel 43.
B.F. " 20	G. Faggart	Hoskin Bros.	Jul. 12, 1953	36			16	"	D	Sandy loam 1; sand 22½.
B.F. " 21	F.L. Cowan	"	Oct. 2, 1954	36			15	"	D	Sandy loam 2; subsoil 2½; sandy clay 10; sand 10½; gravel clay 15; gravel 20.
Con I " 18	J. Pallister	"	Nov. 30, 1953	36			11	"	D	Heavy clay loam 2½; clay stone 30; sand clay 34.
Con I " 18	D. Brunt	"	Jun. 29, 1954	36			20	"	D	Sandy loam 1; subsoil 2; sand clay 23; sand 23.
Con I " 20	E.W. Coady	G. Hart & Sons	Apr. 12, 1953	6	5	37½	4	"	D	Brown clay 6; blue clay 36; gravel 37½.
Con III " 18	R. Latimer	Hoskin Bros.	May 1, 1954	36			26	"	D	Clay loam 1½; subsoil 2½; clay gravel 10; blue clay stone 25; sand gravel 30.
Con IV " 27	F. White	"	Apr. 20, 1954	36			6½	"	D	Sandy loam 1½; sand 11½.

ONTARIO COUNTY-cont.

Whitby Twp. cont.

Survey Rep. Cont.	lot 18	A. Branley	Hoskin Bros.	Sep. 12, 1953	36			20	Fresh	D	Gravelly loam 1; subsoil 3; gravel sand 10; grey clay gravel 20; gravel 23; sand 25.
Con V	" 22	E. Down	"	Apr. 16, 1954	36			2	"	D	Clay loam 1; claystone 20; clay sand 22½.
Con VI	" 23	L. McBrien	"	Aug. 12, 1953	36			7	"	D	Clay loam 2; grey clay gravel 5; grey clay stone hardpan 20; sand clay 22½.
Con VI	" 24	R. V. Young	N. N. Faulkner	Jun. 11, 1954	6½	13	25	18	"	D	Dug well 19; grey clay 40; gravel 46.
Con VI	" 24	D. Nesbitt	Hoskin Bros.	Jul. 16, 1954	36			13½	"	D	Clay loam 1; subsoil 2; sand grey clay 17; sand stones 23½.
Con VI	" 24	Canadian Oil Co	R. Halford	Sep. 10, 1954	4	8	50	40	"	D, C	Clay boulders 100; soupy clay 200; quicksand 245; hard clay 255.
Con VI	" 24	Meadowcrest Homes Ltd.	J. W. Summers	Nov. 8, 1954	6	50	9	9	"	P	Dark soil 2; reddish sand 11; blue clay stones 67; gravel 71.
Con VI	" 24	R. V. Young	N. N. Faulkner	Dec. 27, 1954	6½	5	32	15	"	D	Top soil 2; grey clay stones 40; gravel 42.
Con VI	" 24	Meadowcrest Homes Ltd.	J. W. Summers	Dec. 31, 1954	10	90	61	9	"	P	Dark soil 2; sand 11; clay few stones 67; gravel 71.
Con VI	" 25	"	"	Dec. 9, 1954	8						Soil 2; blue clay odd boulders 91. Dry hole.
Con VI	" 26	"	"	Nov. 27, 1954	6						Dark soil 2; clay few stones 202. Dry hole.
Con VIII	" 26	G. Fisher	Hoskin Bros.	Jan. 14, 1954				17	Fresh	D, S	Black loam 2; subsoil 3½; grey clay 18; fine grey sand clay 27; blue clay gravel 35.
Con IX	" 2	R. Lynde	"	Apr. 21, 1954	36			71	"	D	Sandy loam 1; subsoil 3; sand 25; sand clay 35; sand clay stones 75; coarse sand gravel 80.
Con IX (Ashburn)	" 26	K. Gaudaur	"	Dec. 1, 1954	36			14	"	D	Sandy loam 1; subsoil 1½; clay sand 4; sand 20.

OXFORD COUNTY.  
Blandford Twp.

Con I	lot 8	M. Ball	A. E. Haskell	Oct. 12, 1954	4	10	50	36	Fresh	D	Red clay 28; blue clay 64; hardpan 91; limestone 103.
Con I	" 11	A. McCurdy	A. Ghent & Son	Dec. 23, 1953	5	4	80	60	"	D	Brown clay 10; sand 15; brown clay 57; hardpan 62; blue clay 75; sand 93; hardpan 101; clay boulders 119; grey limestone 124.
Con I	" 11	H. W. Clark	M. Stevenson	Jul. 26, 1954	5	6	56	53	"	D	Top soil 3; yellow clay 15; blue clay 85; quicksand 115; sand gravel 137½.
Con I	" 11	K. McConkey	"	Jul. 30, 1954	5	5½	48	41½	"	D	Yellow clay 12; blue clay 49½; quicksand 72; sand 82; sand gravel 90.
Con I	" 12	N. Post	A. E. Haskell	Jul. 26, 1954	7	7	17	8	"	D	Clay 4; dirty sand clean gravel 22.
Con I	" 13	H. Bird	S. Rennick	Nov. 25, 1953	3½	8	45	36	"	D	Clay stones 24; red clay 66; hardpan 82; shale 84; limestone 176.
Con I	" 14	R. Solsoi	A. Ghent & Son	Sep. 15, 1953	3½	5	15	4	"	D	Clay boulders 25; clay small stones 46; clay sand 65; hardpan 69; running sand 78; clay 87; running sand 92; clay 100; limestone 104.
Con I	" 14	C. E. Houser	M. Stevenson	Dec. 11, 1954	4	3	55	10	"	D	Yellow clay 14; coarse gravel 15; blue clay 54; sandy clay 66; quicksand 91; putty sand 104; limestone 117.
Con I	" 15	J. Curscik	A. E. Haskell	Jan. 19, 1954	4	8	22	12	"	P	Stones clay 21; hardpan 52; dirty sand 79; hardpan 88; shale 92; limestone 155.
Con I	" 5	S. Figon	"	Apr. 9, 1954	4	4	110	85	"	D	Red clay 23; blue clay 91; sand 94; soft clay sand 128; hardpan 221; gravel 222.
Con III	" 5	B. Kras	"	Mar. 23, 1954	4	8	50	43	"	D	Sand 14; clay 41; soft sand clay 100; blue clay 149; hardpan 178; blue dolomite 181.
Con III	" 10	M. R. Schmidt	S. Rennick	Jun. 10, 1953	4	10		33	"	D	Clay boulders 17; dirty gravel 39; clay boulders 56; hardpan 77; rock slabs clay 83; limestone 112.
Con X	" 1	W. Routley	A. E. Haskell	Jun. 7, 1954	4	8	60	42	slight Sulphur	D	Clay 22; sand 87; hardpan 147; sand 150; blue clay 188; black shale 194.
Con XI	" 1	H. Moss	"	Sep. 22, 1954	4			60	Salt slight Sulphur	D, S	Old well 16; clay 76; hardpan 186; shale 199; limestone 244; black rock 262. Abandoned.
Con XII	" 8	R. Vance	H. A. Kerr	Aug. 8, 1953	4	15	20	6	"	D, S	Stones clay 28; gravel 30; till 85; fine and coarse sand streaks 104; rock 132.
Con XIII	" 7	R. Facey	"	Mar. 8, 1954	4	15	40	20	Fresh	D, S	Clay 30; sand 32; hardpan 82; coarse sand 90; hardpan 105; rock 138.
Con XIV	" 6	P. Kwasnick	"	Jul. 25, 1953	4	15	22	17	"	D, S	Clay 28; stones clay 40; sand 42; boulders 43; stones clay 80; sand 120; shale 128; rock 148.
Con XIV	" 9	H. Weil	"	Sep. 23, 1954	4	15	22	16	"	D, S	Stony clay 40; boulders clay 97; limestone 120.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION		OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY-cont.											
Blenheim Twp.											
Con I	lot 12	R.Mathewson	J.Stefan	Nov.18,1953	6	5	21	18	Fresh	D	Hard clay stones 40;hard medium gravel 41.
Con I	" 12	C.Brown	"	Jun. 8,1954	6	5	18	16	"	D	Sand hard clay 35;coarse gravel 36.
Con I	" 12	M.Wood	M.B.Hooper	Jul.21,1954	4	4	51	12	"	D	Brown clay 42;clay stones 46;quicksand 69;fine gravel 71.
Con I	" 13	M.Force	J.Stefan	Jun.14,1954	4	2½	35	20	"	D	Clay boulders 28;clay gravel 34;hard clay sand 49;coarse gravel 50.
Con I	" 13	Princeton Board of Trade	"	Jun.30,1954	6						Clay stone 30;mucky clay sand 57. Dry hole.
Con I	" 13	"	"	Jul. 5,1954	6	5	24	22	"	P	Hard clay 28;blue clay 33;coarse sand gravel 34.
Con I	" 13	A.Laird	"	Nov.23,1953	6	4	15	13	"	D	Clay stones 26;medium gravel 27.
Con I	" 24	I.Harper	"	Dec. 1,1953	6	5	40	25	"	D	Yellow sand 12;sandy clay 23;blue clay 50;shale 63.
Con III	" 4	School	"	Aug. 5,1953	4	2½	35	16	"	D	Yellow sand 5;clay stones boulders 55;clay small stones 136;rock 140.
Con IV	" 16	C.Miltin	A.E.Haskell	Apr.20,1954	4	10	50	40	"	D	Clay stones 16;blue clay 53;dirty sand 58;hardpan 69;dirty sand gravel 98;hardpan 122;blue clay 184;hardpan 201;limest.202
Con V	" 22	J.Basina	"	Apr.27,1954	4	10	40	32	"	D	Sand clay 55;hardpan 124;dirty sand gravel 138;blue clay 202;shale gravel 203.
Con VI	" 13	A.Burrell	S.Rennick	May 28,1953	4	5	25	18	"	D	Red clay 24;blue clay 41;dirty sand clean gravel 66.
Con VI	" 13	L.Hall	"	Jul. 4,1953	4	5	75	68	"	D	Clay sand 34;hardpan 132;blue clay 146;dirty gravel 150; blue clay 166;dirty sand gravel 180.
Con VII	" 13	Bank of Montreal	A.E.Haskell	May 13,1954	4	10	110	95	"	D	Red clay 23;hardpan 34;dirty sand gravel 80;hardpan 122;clay sand 176;blue clay 236;shale 242.
Con X	" 24	C.McCormick	S.Rennick	Nov.13,1953	5	7	20	15	"	D	Sand 80.
Con XII	" 19	K.McLennan	A.E.Haskell	Sep.28,1954	5½	10	12	7	"	D	Old well 10;blue clay 31;gravel 33.
Con XIII	" 9	M.Jaeger	McLaughlin & Sons	Jun.18,1954	6½	20	60	18	"	D	Dug well 22;quicksand 65;coarse sand 71.
Con XIII	" 10	R.Black	H.A.Kerr	Feb. 3,1954	4	15	90	78	"	D,S	Brown clay 18;sand 23;brown clay 36;hardpan 98;coarse sand 230;rock 248.
Con XIII	" 18	S.Scott	S.Rennick	May 12,1953	4	6	15	7	"	D	Sand clay 16;blue clay 37;hardpan 51;gravel 53.
Con XIII	" 18	J.Brighty	A.E.Haskell	May 27,1954	4				Flows	D	Sand gravel 12;soft hardpan 38;sand 56;hardpan 129;blue shale 172;rock 178.
Con XIII	" 18	E.Carter	"	Sep.24,1954	5	12	21	17	"	D	Red clay 12;blue clay 38;gravel 40.
Con XIII	" 18	R.Habel	"	Sep.27,1954	4	4	35	17	"	D	Red clay 12;blue clay 39;hardpan 60;gravel 62.
Con XIII	" 18	J.Penn	"	Oct. 5,1954	4	5			Flows	D	Old well 12;red clay 21;blue clay 34;dirty sand 78;hardpan 122;blue shale 154.
Dereham Twp.											
Con I	lot 26	H.Wilson	McLeod/McBeth	Jun.15,1953	5	5	70	60	Fresh	D,S	Clay stones 40;hardpan 140;limestone 146.
Con II	" 13	G.Rickard	"	Sep. 9,1954	4½	5	33	30	"	D,S	Top soil 4;brown clay 56;sand gravel 60;gravel 60½.
Con II	" 26	P.Schlichter	"	Sep.28,1953	4	5	65	55	"	D,S	Brown clay 20;blue clay 74;gravel 76.
Con III	" 5	H.Webber	"	Jun. 3,1953	5	5	26	20	"	D,S	Brown clay 30;blue clay 80;sand 150;hardpan stones 232; limestone 235.
Con V	" 25	Jameson Bros.	"	Sep.14,1954	4½	6	24	20	"	D,S	Brown clay 10;blue clay 110;fine sand 114;gravel 116.
Con VI	" 24	E.Ellory	"	May 21,1954	5½	6	60	50	"	D,S	Top soil 3;blue clay 100;hardpan stones 180;grey limestone 182.
Con VII	" 14	G.McLaughlin	W.L.McBeth	Jan.29,1954	5½	6	40	30	"	D	Brown clay 14;blue clay 60;hardpan gravel 62½.
Con VIII	" 9	H.Wilkinson	G.Warren	Dec. 7,1953	6½	4	40	40	"	D,S	Cistern 15;putty clay 60;clay 82;sand 87;clay gravel 96.
Con VIII	" 21	G.W.Cattle	W.L.McBeth	Aug.18,1953	5½	6	25	10	"	D	Clay stone 25;hardpan stones gravel 41.
Con IX	" 7	C.Harvey	G.Warren	Dec.21,1953	6½	3		42	"	D	Hard clay stones 115;sand 120;soft clay 124.
Con IX	" 10	A.Scott	W.L.McBeth	May 27,1953	5½	6	60	40	"	D,S	Red clay 4;blue clay pebbles 60;yellow sand and clay mixed 130;hardpan gravel 133.
Con X	" 7	H.Armstrong	G.Warren	Apr. 9,1954	6½	6	75	65	"	D	Yellow clay stones 25;hard yellow clay 60;soft grey clay 76;grey clay 96;gravel 98.
Con X	" 7	N.Langrell	"	May 24,1954	6½	5	65	52	"	D	Yellow clay 18;putty sand 58;blue clay 78;blue clay gravel 102;gravel 103.

OXFORD COUNTY -cont.

Dereham Twp.cont.

Con X	lot 8	H.Burton	G.Warren	Jan.26,1954	6½	6	87	80	Fresh	D,S	Clay boulders 28;blue clay 50;soft clay 70;clay stones 107;gravel 112.
Con X	" 9	C.Longfield	"	Aug. 5,1954	6½	10	60	32	"	D,S	Yellow sand 32;boulders gravel 58;putty sand 84;grey clay pebbles 104;sand gravel 106.
Con X	" 19	G.Heladon	W.L.McBeth	Jun.22,1953	5½	6	65	37	"	D	Brown clay 12; blue clay 60;grey clay stones 100;hardpan boulders gravel 122.
Con XI	" 14	Z.Smith	"	Apr.23,1953	4				Flows	"	Brown clay 15;stony blue clay 55;yellow sand 118;hardpan gravel 122.
Con XI	" 15	W.Doddsley	"	Mar.31,1953	4				"	D	Black clay 3;yellow sand 13;clay boulders 97;gravel 98.
Con XI	" 21	A.Deller/Son	G.Warren	Oct.17,1953	6½	4	26	19	"	In	Hard clay 18;runny clay 22;blue clay 58;clay gravel 106; fine gravel 110.
Con XI	" 21	T.Alward	"	Jan.11,1954	4	5	38	23	"	D	Clay boulders 28;clay 50;soft clay 70;clay pebbles 107; gravel 112.
Con XI	" 22	C.Hawkins	"	Sep.15,1953	5	3	50	23	"	D	Clay boulders 64;clay stones 80;sand gravel 108;fine gravel 110.
Con XI	" 22	A.Holland	"	Jun. 4,1954	6½	5	34	26	"	D	Dug well 32;blue clay 59;blue clay stones 108;gravel 110.
Con XI	" 22	Brownsville Village	"	Sep.11,1954	8	14	60	27	"	P	Hard clay 10;clay boulders 14;grey clay 68;clay sand gravel 73; gravel 85;soft clay pebbles 105;dirty gravel 115;gravel 117.
East Missouri Twp.											
Con VIII	lot 4	M.Day	W.B.Dale	Sep.22,1954	3½	6	47	41	Fresh	D,S	Dug well 22;previously drilled 99;sand gravel 113;brown limestone 117.
Con IX	" 4	R.Day	"	Sep.17,1954	5	6	37	31	"	D,S	Clay 18;boulders sand 20;hardpan sand 62;sand gravel 65; hardpan stones 80;sand gravel 81;hardpan clay streaks 93; sand clay 95;hardpan gravel 101½;brown limestone 106½.
Con IX	" 31	School S.#4	McLeod/McBeth	Aug. 4,1953	3½	5	45	38	"	P	Brown clay 20;blue clay 110;limestone 130.
Con X	" 1	P.Dennison	J.D.Hayden	May 28,1954	4	9	70	70	slight Sulphur	D,S	Yellow clay 10;fine sand 20;hardpan stones 84;sand stones 89;grey limestone 102.
Con X	" 11	R.Calder	McLeod/McBeth	Aug.20,1953	5	5	35	33	Fresh	D,S	Brown clay 20;blue clay 50;hardpan stones 120;fine sand 130; limestone 133.
Con XII	" 17	G.Cucksey	H.T.Siegrist	Feb.21,1953	4						Top soil 2;sand 80;stony clay 100;sand 149. Dry hole.
Con XIII	" 5	J.Snetsinger	J.D.Hayden	Mar.23,1954	4	5	25	10	Fresh	D,S	Old well 10;sand 40;hardpan 68;sand gravel 86;brown limestone 124.
Con XIII	" 7	G.Mitchell	"	Apr.28,1954	3½	6	40	40	"	D,S	Sand gravel 16;hardpan stones 50;sand stone 60;hardpan 86; sand stones 112½;brown limestone 121.
Con XIII	" 11	School S.#9	McLeod/McBeth	Sep. 1,1953	4	5	65	60	"	P	Clay 30;hardpan stones 111;limestone 141.
East Oxford Twp.											
Con I	lot 6	E.Saska	J.Stefan	Oct.20,1953	6	5	10	10	Fresh	D	Clay stones 22;silty fine gravel 30;coarse sand fine gravel 31.
Con I	" 6	E.Scholtz	A.Ghent & Son	Jun.24,1954	4	7½	15	9	"	D	Brown clay 12;running sand 32;blue clay 85;sand ¾;limestone 107
Con I	" 7	H.Feenstra	"	Oct. 1,1953	5	4½	20	12	"	D	Old well 27;clay 52;hardpan 62;clay 80;hardpan 90;sand 94; limestone 111.
Con I	" 8	C.Redhead	J.Stefan	Aug.12,1954	6	5	50	15	"	D	Clay 28;sandy clay 88;clay gravel boulders 90;shale 95; grey rock 120.
Con I	" 15	C.Houser	A.Ghent & Son	Aug. 1,1953	5	7	16	4	"	D	Fill 6;brown clay 11;blue clay 19;sand 20;gravel 21½.
Con I	" 16	E.Schultz	"	Jul.15,1953	4	5	10	5	"	D	Brown clay 12;clay sand 32;running sand 52;blue clay 77; gravel 79.
Con II	" 8	R.McFarland	A.E.Haskell	Oct.23,1954	4	9	20	13	"	D	Red clay 32;dirty sand clean gravel 92.
Con II	" 15	P.Hendershot	A.Ghent & Son	Jan.30,1954	5	2½	21	15	"	D	Brown clay 8;blue clay 33;sand 34;gravel 35.
Con III	" 1	L.Wright	J.Stefan	Oct.23,1953	6	5	19	14	"	D	Clay stones 24;blue clay 54;coarse gravel 55.
Con III	" 2	S.G.Potter	S.Rennick	Sep. 8,1953	4	6	22	19	"	S	Red clay 13;blue clay 36;dirty sand 47;sandy hardpan 65; chocolate hardpan 89;soft clay 120;hardpan 123;gravel 132.
Con III	" 11	R.Buchannon	McLeod/McBeth	Apr. 7,1953	5	5	18	12	"	D,S	Blue clay 79;limestone 82.
Con III	" 12	E.Hird	A.Ghent & Son	Feb. 6,1954	5	3	25	18	"	D,S	Dug well 30;brown clay stones 40;blue clay 51;hardpan 55; gravel 56.
Con III	" 18	N.C.Schell	S.Rennick	May 21,1953	5	25	18	11	"	In	Red clay 21;dirty sand 27;blue clay 37;dirty gravel 40;blue clay 54;hardpan 91;limestone 142.
Con III	" 18	"	"	Aug.18,1953	4	20	20	16	"	S	Soft sandy clay 44;hardpan 86;rock slabs dirt 86;limestone 144.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY-cont.										
East Oxford Twp.cont.										
Con III lot 19	F. Smith	J.D. Hayden	Jun. 4, 1954	5	6	14	14	Fresh	D	Yellow clay 15; blue clay 30; silty sand 50; yellow clay 54; fine sand 68; coarse gravel 71.
Con IV " 11	K. Quinton	A. Ghent & Son	May 14, 1954	5	4	9	24	"	D, S	Dug well 32; blue clay stones 65; sand 81; hardpan gravel 84; gravel 86.
Con IV " 19	P. Mattson	McLeod/McBeth	Aug. 16, 1954	4 1/2	5	25	20	"	D, S	Brown clay 17; hardpan stones 87; limestone 89.
Con IV " 20	E. Hamilton	S. Rennick	Dec. 5, 1953	3 1/2	10	38	32	"	D	Soft red clay 44; hardpan 110; rock slabs 112; limestone 117.
Con IV " 20	H. Phillips	A. Ghent & Son	Jan. 15, 1954	5	3	28	21	"	"	Dug well 30; brown clay 35; blue clay 50; sand 52; gravel 55.
Con V " 13	C. Andrews	McLeod/McBeth	Dec. 1, 1954	5 1/2	6	20	15	"	D, S	Blue clay 43; gravel 46.
Con VI " 19	R. Barnes	A. Ghent & Son	Feb. 25, 1954	5	3	62	20	"	D	Brown clay stones 21; blue clay 62; sand 64; hardpan 70; gravel 72.
Con VI " 19	G.R. Row	W.L. Burwell	Sep. 10, 1954	4	25	6	Flows	"	D, S	Dug well 15; clay 45; hardpan gravel 146; gravel 147.
Con VIII " 15	R. Orth	McLeod/McBeth	Jul. 23, 1954	4 1/2	6	20	18	"	D, S	Clay loam 10; blue clay 44; gravel 45.
Con VIII " 16	D. Jaques	A.E. Haskell	Jun. 25, 1954	4	10	29	23	"	D	Stones clay 39; dirty sand 43; hardpan 67; dirty gravel 74; hardpan 98; dirty sand gravel 138; hardpan 176; sandy clay 192; blue clay 211; clay shale 230; limestone 234.
East Zorra Twp.										
Con IX lot 1	J. Douglas	McLeod/McBeth	Jun. 23, 1953	5	5		55	Fresh	D	Hard brown clay 20; hardpan stones 110; limestone 115.
Con IX " 1	W. Vial	S. Rennick	Jul. 20, 1953	4	10	65	53	"	D	Clay stones 34; hardpan 104; rock slabs 110.
Con IX " 5	M. Barker	McLeod/McBeth	Jan. 29, 1954	5 1/2	6	45	40	"	D, S	Top soil 3; sandy loam 18; hardpan stones 127; grey limestone 137.
Con X " 1	J. Matheson	S. Rennick	Aug. 24, 1953	4	6	50	45	"	D	Clay boulders 28; hardpan 56; clay 77; limestone 90.
Con X " 1	W.J. Roberts	A.E. Haskell	Mar. 16, 1954	4	10	49	41	"	"	Clay stones 31; hardpan 90; limestone 97.
Con X " 2	A. Muir	McLeod/McBeth	Feb. 11, 1954	5 1/2	6	70	50	"	D, S	Top soil 3; blue clay 40; hardpan stones 112; grey limestone 130.
Con X " 6	Mrs. Jackson	A.E. Haskell	Aug. 26, 1954	4	10	23	19	"	D	Clay 28; hardpan 69; dirty sand gravel 93; limestone 101.
Con X " 6	B. Sutherland	McLeod/McBeth	Oct. 28, 1954	4 1/2	6	17	13	"	D	Brown clay 15; hardpan stones 90; shale 95; limestone 102.
Con X " 33	A. Schmidt	S. Rennick	Sep. 28, 1953	4	7	40	29	"	S	Yellow clay 37; hardpan 76; blue clay 105; clean gravel 108.
Con XI " 2	H.R. Pullen	"	Jul. 25, 1953	4	6	55	38	"	D	Red clay 29; blue clay 41; sandy hardpan 67; rock slabs clay 71; limestone 86.
Con XI " 2	V. Crane	A.E. Haskell	Oct. 19, 1954	4	10	25	10	"	D	Red clay 17; blue clay 33; hardpan 73; limestone 78.
Con XI " 3	W. Scott	S. Rennick	Jul. 13, 1953	4	3	48	6	"	D	Clay 23; hardpan 72; limestone 104.
Con XI " 6	O.J. Smith	"	Aug. 27, 1953	5	8	7	4	"	D	Clay 14; sand and clay mixed 37; clean gravel 39.
Con XI " 6	G. Worland	A. Ghent & Son	Oct. 13, 1954	5	5	16	4	"	D	Clay boulders 22; blue clay sand 39; hardpan 45; gravel 47.
Con XI " 14	G. Kitching	S. Rennick	Aug. 8, 1953	4	9	55	46	"	D	Boulders clay 33; hardpan 60; dirty sand 69; blue clay 86; hardpan 110; limestone 146.
Con XI " 18	I. McKay	H.A. Kerr	Sep. 1, 1954	4	15	90	70	"	D, S	Boulders clay 60; sand clay streaks 120; clay 150; boulders clay 180; sand 190; limestone 194.
Con XII " 4	W. McCurdy	A. Ghent & Son	May 2, 1953	5 1/2	6	21	16	"	D	Sand 22; hardpan stones 31; rock 34.
Con XII " 4	W. Jennings	"	May 9, 1953	5 1/2	5	20	15	"	D	Sand 20; hardpan stones 30; rock 35.
Con XII " 5	G. Lunsden	A.E. Haskell	Jul. 17, 1954	4	10	20	17	"	D	Clay 28; hardpan 60; limestone 63.
Con XII " 5	E. Inwood	"	Jul. 21, 1954	4	10	40	30	"	D	Stones hardpan 67; limestone 73.
Con XII " 7	H.J. Hallock	S. Rennick	Jun. 18, 1953	4	10	75	60	"	D	Stones clay 20; gravel 61; hardpan 98; blue clay 105; hardpan 123; limestone 145.
Con XII " 15	School S. #16	A.E. Haskell	Feb. 18, 1954	4	8	38	26	"	P	Sandy hardpan 82; blue clay 98; shale 101; limestone 118.
Con XII " 18	D. McKay	A.E. Haskell	Aug. 5, 1954	4	5	25	12	"	D	Red clay 26; blue clay 56; hardpan 104; shale 110; limestone 159.
Con XII " 20	E. Hostittler	H.A. Kerr	Aug. 21, 1953	4	15	28	16 1/2	"	D	Clay 28; fine gravel clay 37; stony clay 98; sand 100; clay 125; coarse sand 130; rock 135.
Con XII " 21	F. Symons	A.E. Haskell	Feb. 5, 1954	4	12	29	24	"	D	Hardpan 85; soft sand clay 98; blue clay 122; chocolate hardpan 138; shale 142.
Con XII " 21	R.O. Smiley	"	Jul. 11, 1954	5 1/2	10	28	12	"	D	Fill 6; blue clay 39; soft sandy clay 94; hardpan 124; limestone 126.
Con XII " 21	W. Schroeder	H.A. Kerr	Aug. 12, 1954	4	15	22	18	"	D	Clay stone 23; sand 28; marl 28 1/2; stones 35; stony clay 117; clay 138; limestone 140.
Con XIII " 4	C. Dunn	A.E. Haskell	Jul. 21, 1954	5	10	28	12	"	D	Gravel stones 39; limestone 45.
Con XIII " 5	C. Harriss	S. Rennick	Apr. 8, 1953	4	10	55	44	"	D	Gravel 27; hardpan 40; blue clay 84; limestone 89.
Con XIII " 9	A. Franks	"	Sep. 15, 1953	4	7	55	43	"	D, S	Hardpan boulders 57; rock slabs hardpan 63; limestone 95.

OXFORD COUNTY-cont.

East Zorra Twp.

Con XIII	lot 18	F. Thompson	S. Rennick	Mar. 31, 1953	4	5	20	7	Fresh	D,S	Stones hardpan 24; clay 53; dirty gravel 55; clay 86; stones clay 101; hardpan 134; shale 137; limestone 164.
Con XIII	" 21	A. Gunn	H.A. Kerr	Jan. 6, 1954	4	15	20	7	"	D,S	Clay 49; hardpan 83; coarse sand 100; fine sand 125; rock 150.
Con XIII	" 28	L. Yantsi	"	Nov. 1, 1954	4	15	3	Flows	"	D,S	Clay 58; stony clay 95; clay 138; limestone 142.
Con XIV	" 32	L. Ramseyer	S. Rennick	May 9, 1953	4	4	Flows	"	Mineral	D,S	Red clay 16; blue clay 45; dirty gravel 48; hardpan 93; shale 114; soft rock 144.
Con XV	" 22	E. Brennamen	"	Oct. 19, 1953	4	15	"	"	Fresh	S	Clay large boulders 36; dirty sandy clay 65; hardpan 73; limest. 158.
Con XV	" 32	L. Bender	"	Apr. 29, 1953	3 1/2	10	30	19	"	D,S	Red clay 23; hardpan 119; shale 122.
Con XVI	" 25	C.L. Ruby	"	Jan. 19, 1953	4	8	29	21	slight	S	Sand 25; clay 51; hardpan 66; dirty sand 74; hardpan 95; shell rock 102; limestone 115.
Con XVI	" 26	H. Broodrecht	H.A. Kerr	Oct. 1, 1954	4	15	22	16	Mineral	D,S	Blue clay 75; stony clay 94; grey limestone 113.
Con XVI	" 28	S. Iutzi	A.E. Haskell	Feb. 27, 1954	4	6	25	15	Fresh	D,S	Clay 38; hardpan 51; dirty sand 61; cemented gravel 72; soft sandy hardpan 108; shale 112; limestone 127.
Con XVI	" 30	H. Broodrecht	H.A. Kerr	Oct. 15, 1954	4	15	22	16	"	D,S	Clay 20; sand 21; boulders clay 95; limestone 142.
Con XVII	" 9	A. Longworth	A. Ghent & Son	Sep. 18, 1953	5 1/2	5	17	13	"	D	Brown clay 17; grey limestone 33.
Con XVII	" 10	L. Hilderley	S. Rennick	Feb. 2, 1953	5	9	28	25	"	D	Clay 24; limestone 55.
Con XVII	" 10	P. Wilson	"	Feb. 26, 1953	5	9	29	20	"	D	Clay 11; rock slabs clay 17; limestone 54.
Con XVII	" 10	J. Yeo	"	Apr. 18, 1953	5	8	30	27	"	D	Clay 25; limestone 56.
Con XVII	" 10	G. Arnott	"	Apr. 24, 1953	5	8	30	27	"	D	Top soil 2; red clay 25; limestone 56.
Con XVII	" 10	J. Prow	"	Jul. 29, 1953	5	7	25	22	"	D	Yellow clay 15; rock chips clay 18; limestone 55.
Con XVII	" 10	W. Hall	A.E. Haskell	Dec. 16, 1954	5 1/2	7	30	27	"	D	Clay 25; limestone 56.
Con XVII	" 16	H. Carter	S. Rennick	Sep. 3, 1953	4	10	25	20	"	S	Clay 41; dirty sand 57; rock slabs clay 61; limestone 83.
Con XVII	" 29	E. Schlagel	"	Oct. 8, 1953	4	6	30	19	"	S	Hardpan 48; dirty clay gravel 73; hardpan 78; rock slabs clay 84; limestone 110.
Con XVII	" 30	L. Bender	A.E. Haskell	Sep. 1, 1954	4	10	20	14	"	D	Clay 29; hardpan 84; limestone 107.
North Norwich Twp.											
Con II	lot 2	G. Patchet	McLeod/McBeth	Nov. 16, 1953	4 1/2	6	60	50	Fresh	D,S	Brown clay 20; blue clay 70; sand 82; gravel 85.
Con II	" 7	O. Gare	A. Ghent & Son	Jul. 30, 1953	5 1/2	5	49	12	"	D,S	Brown clay boulders 25; blue clay thin streaks of gravel 52; hardpan 55; clay sand 65; limestone 69.
Con II	" 15	J. Jaques	McLeod/McBeth	Aug. 6, 1954	4 1/2	6	10	Flows	"	D	Brown clay 18; blue clay 90; hardpan stones 127; limestone 130.
Con II	" 17	G. Smith	"	Jul. 17, 1954	4 1/2	6	15	14	"	D,S	Brown clay 20; blue clay 100; hardpan stones 126; limestone 130.
Con II	" 20	C. Dennis	A.E. Haskell	Jul. 14, 1954	4	7	60	55	"	D	Stones hardpan 56; sandy clay 95; dirty sand clean gravel 103.
Con II	" 22	H. Bickell	"	Jul. 9, 1954	4	10	29	12	"	D	Clay 16; sandy hardpan 76; sandy clay 120; stony hardpan 155; sandy clay 204; sand shale 211; limestone 214.
Con III	" 6	H. Payne	A. Ghent & Son	Oct. 10, 1953	5	4 1/2	25	20	"	D	Clay 8; sand clay 39; sand 50; clay 67; hardpan 85; sand 90; limestone 101.
Con III	" 6	G. Palmer	McLeod/McBeth	Nov. 10, 1953	4 1/2	6	37	33	"	D,S	Blue clay 75; hardpan stones 100; gravel 106.
Con III	" 25	E. Tattersal	"	Nov. 3, 1953	4 1/2	6	60	58	"	D,S	Blue clay 110; hardpan stones 190; limestone 195.
Con IV	" 24	S. Hastings	S. Rennick	Oct. 23, 1953	5	8	24	20	"	D,S	Clay 14; quicksand 36; blue clay 52; gravel 67.
Con V	" 16	S. Hinks	W.A. Selore	Aug. 22, 1954	4	8	20	15	"	S	Sandy loam 4; blue clay 50; putty sand 70; grey clay 144; limest. 146.
Con VI	" 13	J. Tuscock	A. Ghent & Son	Apr. 10, 1953	3 1/2	4	66	56	"	D,S	Clay 42; hard sand 50; hardpan 72; running sand 177; hardpan 179; gravel 181.
North Oxford Twp.											
Con I	lot 18	P. Holden	McLeod/McBeth	Dec. 1, 1953	4 1/2	5	50	38	Fresh	D,S	Hard brown clay 20; hardpan stones 52; gravel 54.
Con I	" 19	D. Crawford	"	Oct. 18, 1954	4 1/2	6	90	84	"	D	Brown clay 40; stones hardpan 99; limestone 116.
Con I	" 20	K. Nadlin	"	Dec. 15, 1954	4 1/2	6	140	130	"	D	Brown clay 25; hardpan stones 130; limestone 148.
Con I	" 21	K. Murdock	S. Rennick	Apr. 14, 1953	4	7	75	66	"	D	Clay 21; stones clay 27; hardpan 66; dirty sand 71; yellow clay 87; gravel 91.
Con I	" 21	J. Hillston	McLeod/McBeth	Apr. 15, 1954	4 1/2	6	25	23	"	D	Top soil 3; gravel stones 15; hardpan stones 27; grey limest. 50.
Con II	" 2	L. Henderson	W.B. Dale	Oct. 18, 1953	3 1/2	1 1/2	46	2	"	D	Clay stones 23; gravel 46.
Con II	" 3	Mrs. Dickson	M.B. Hooper	Sep. 19, 1954	4	3	38	15	"	D	Dark sandy soil 2; grey clay 43; clay boulders 46; hardpan 49; quicksand 64; fine gravel 65; quicksand.
Con II	" 16	C. Riddle	McLeod/McBeth	Oct. 5, 1953	4 1/2	5	75	65	"	D,S	Hard brown clay 20; hardpan stones 84; limestone 89.
Con II	" 20	J. Wybenga	A. Ghent & Son	Oct. 20, 1954	5	5	25	24	"	D	Clay boulders gravel 30; grey limestone 47.
Con II	" 21	Beachville Lgn.	McLeod/McBeth	Feb. 17, 1954	4	6	28	25	"	P	Top soil 2; coarse gravel stones 28; grey limestone 57.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY-cont. North Oxford Twp. cont. Con III lot 4	School	McLeod/McBeth	Jan.15,1954	5½	6	26	20	Fresh	P	Brown clay 20;hardpan 70;blue clay stones 112;limestone 120.
South Norwich Twp. Con IX lot 1	W.Nold	W.L.Burwell	Feb. 4,1954	5	12	55	20	Sulphur	D,S	Yellow sand 4;clay boulders 14;quicksand 29;putty sand 69; white clay 127;grey limestone 130.
Con X " 21	E.Fick	G.Warren	Nov. 9,1953	6½	7	100	78	Fresh	D,S	Clay stone 60;soft clay 68;clay stone 135;gravel 136.
Con X " 22	O.Deny	"	Sep. 3,1953	6½	30	70	67	Sulphur	D	Clay boulders 142;rock 146.
Gore RP 395 " 36	C.Reneboo	W.L.Burwell	Dec. 4,1953	3	5	50	30	Fresh	D	Fine sand 8;blue clay 28;putty sand 134;white clay 140; grey limestone 144.
Tillsonburg	Livingston Wood Mfg.Co.	G.Warren	Mar.13,1954	8	3	40	18	Fresh	In	Yellow sand 18;yellow clay 52;gravel 54;grey clay 86;soft grey clay 100;grey clay 132;grey limestone 151;brown limestone 155.
West Oxford Twp. B.P. lot 2	A.Smith	A.E.Haskell	Jul.24,1954	5	7	48	34	Fresh	D	Gravel stone 33;limestone 53.
B.P. " 3	M.Near	McLeod/McBeth	Mar.15,1954	4½	6	25	25	"	D	Top soil 2;sand gravel 30;grey limestone 46.
B.P. " 6	H.Griffeson	A.Ghent & Son	Sep.15,1954	5	4	15	13	"	D	Brown clay 6;gravel 10;blue clay 28;hardpan gravel 31;limest.50.
B.P. " 7	P.Hamell	J.D.Hayden	Jun.11,1954	5	12	40	40	"	C	Red sand 5;yellow clay 20;fine sand 30;hardpan 38;sand stone 41;brown limestone 70.
B.P. " 8	J.Tyons	McLeod/McBeth	Mar.19,1954	4½	6	31	28	"	D	Coarse sand 10;coarse gravel stones 33;grey limestone 48.
B.P. " 8	Beachville PO.	"	Apr. 1,1954	4½	6	31	28	"	P	Coarse sand gravel 33;grey limestone 48.
B.P. " 8	R.Elliott	J.D.Hayden	Jun.28,1954	5	10	27	27	Sulphur	D	Old well 35;sand stone 36;brown limestone 68.
B.P. " 8	A.Vanderkooi	A.Ghent & Son	Oct.28,1954	5	5	22	18	Fresh	D	Clay boulders gravel 40;grey limestone 53.
B.P. " 9	J.Wright	McLeod/McBeth	Oct.12,1953	4½	5	40	30	"	D	Gravel boulders 45;coarse gravel 47.
B.P. " 10	G.Nadalin	A.Ghent & Son	Nov.30,1953	5	4½	36	36	"	D	Clay boulders 18;grey limestone 56.
B.P. " 10	S.Hutchinson	McLeod/McBeth	Oct. 5,1954	4½	6	26	26	"	D	Coarse gravel boulders 21;limestone 37.
B.P. " 10	P.J.Pinney	"	Oct. 8,1954	4	6	25	25	"	D	Coarse gravel boulders 21;limestone 36.
B.P. " 11	J.Binn	A.Ghent & Son	Dec. 7,1953	5	4	18	14	"	D	Well dug 14;boulders clay 29;hardpan 30;grey limestone 42.
B.P. " 13	School	McLeod/McBeth	Sep.16,1953	4½	5	55	48	"	P	Clay 6;gravel stones 40;hardpan boulders 111; rock 121.
B.P. " 14	G.Currie	"	Oct.19,1953	4½	4	110	105	"	D,S	Hard brown clay 25;hardpan stones 105;limestone 125.
B.P. " 15	S.Titus	"	Mar. 4,1953	4	5	43	40	"	D	Hardpan stones 50;limestone 60.
B.P. " 15	P.Minogue	M.B.Hooper	Sep.28,1954	4	4½	82	52	"	D	Clay 58;hardpan gravel 61;quicksand 78;soft brown limest.109.
B.P. " 16	W.Anscomb	R.Connor	Nov.17,1954	4	6	35	35	"	D	Top soil 2;fine sand 37;large stone hardpan 50;limestone 52.
Con I " 16	W.R.Allison	McLeod/McBeth	Sep.28,1954	4½	6	70	64	"	D,S	Brown clay 20;hardpan stones 114;limestone 117.
Con I " 21	A.R.McComb	S.Rennick	Nov. 6,1953	4	6	70	63	"	D	Sandy hardpan 22;blue clay 65;stones hardpan 130;black sand very black muck 147;limestone 159.
Con I " 21	B.Coyle	McLeod/McBeth	Mar.12,1954	4½	6	50	40	"	D	Top soil 4;brown clay 40;fine sand 60;hardpan stones 121; grey limestone 127.
Con II " 5	M.Cook	"	Jul. 3,1953	5	5	57	50	"	D,S	Brown clay 15;blue clay 59;good gravel 62.
Con II " 24	School	"	May 1,1953	4	5	55	45	"	P	Hard brown clay 20;coarse gravel 50;hardpan stones 110; gravel 115.
Con II " 25	E.Wilson	"	Apr.21,1953	4	5	34	26	"	D	Brown clay 20;coarse gravel boulders 40;good gravel 41.
Con VI " 7	J.Lindsay	"	Sep. 3,1954	4½	5	28	23	"	D,S	Brown clay 40;blue clay 80;hardpan stones 130;fine sand 200; hardpan 227;limestone 230.
Gore	L.Reid	"	Apr.30,1954	4½	6	25	24	"	D	Top soil 2;hardpan stones 10;coarse gravel stones 33;grey limestone 49.
Gore	A.Searle	H.A.Kerr	Dec.15,1954	4	6	160	119	"	D	Very stony clay 28;boulders gravel 117;stony clay 198; limestone 205.
West Zorra Twp. Con II lot 1	A.Little	McLeod/McBeth	Dec.15,1953	4½	6	65	60	Fresh	D	Brown clay 25;hardpan stones 100;limestone 118.
Con III " 3	E.Garner	"	Nov.22,1954	4½	6	6	5	"	D,S	Black clay 10;stones brown clay 75;sand 80;gravel 83.
Con V " 3	E.Parker	"	Feb.24,1953	5	5	50	45	"	D,S	Blue clay 50;hardpan stones 114;limestone 118.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PARRY SOUND DIST. cont										
North Himsworth Twp. cont.										
Con XXVII lot 23	C.P.Guthrie	V.N.Miller	Sep.24,1954	6	17	6	6	Fresh	D	Sand 10;red granite 35.
Con XXVIII " 26	B.Gordon	"	Sep.14,1954	6	3	50	15	"	D	Grey granite 50.
Patterson Twp.										
Con VI lot 18	W.C.Holl	Subterra Explor-	May 20,1954	2	1/2	20	15	Fresh	P	Clay 1;granite 105.
Con VII " 17	R.Allen	ation Co. "	May 21,1954	2	1/2	20	15	"	D	Granite 65.
Powassan	H.McConnell	F.C.Hammond	Jan.30,1953	5	10	18	15	Fresh	D	Hardpan large boulders 20;red granite 51 1/2.
Powassan	P.Carnival	V.N.Miller	May 18,1954	6	1	82	6	"	D	Boulders clay 13;hard rock 82.
Shawanaga Twp.										
Con IX lot 18	G.Fisher	F.C.Hammond	Oct. 8,1953	5						Old well 12;hard brown rock 32. Dry hole.
South Himsworth Twp.										
Con I lot 29	R.Rate	V.N.Miller	Jun. 9,1954	6	17	6	6	Fresh	D	Sandy clay 4;hard grey granite 25.
Con VII " 31	B.V.Young	"	Aug.10,1954	6	8		67	"	S	White clay 10;drift sand 70;coarse gravel 77; hard black granite 97.
Con XI " 15	F.Hurlburt	"	Dec. 8,1954	6	8	20	20	"	D	Red sand 37;gray granite 42.
Con XII " 4	V.Kunskal	"	Jun.29,1954	5	8	6	6	"	D	Light sand 20;heavy sand 30;heavy coarse gravel 37;hard granite 40.
Con XII " 16	W.Bartlaw	"	Apr.30,1954	6	8	57	30	"	D	Light drift sand 50;gravel 57.
Con XV " 14	J.Closs	"	Nov. 8,1954	6	8	15	15	"	D	Red sand 15;coarse gravel 24;red granite 42.
Wilson Twp.										
Con XIV lot 1	O.Moore	F.C.Hammond	Oct.29,1953	5	1/2		10	Fresh	D	Clay loam 10;granite 53.
PEEL COUNTY										
Albion Twp.										
Con I lot 27	J.Able	S.McCauley	Sep.10,1953	4	10	20	18	Fresh	D	Yellow clay 8;fine sand 64;fine gravel 83;quicksand 99;fine sand 105;quicksand 191;fine sand 193;gravel 195.
Con I " 39	H.G.Tolton	C.Shropshire	Aug. 6,1954	4	3	46	30	"	D	Gravelly clay boulders 12;gravel 28;quicksand 34;brown clay gravel 53;coarse gravel 54.
Con III " 13	E.E.Agar	T.H.Ruthledge	Jul. 3,1953	5	5	60	17	"	D	Sandy brown clay 20;grey hardpan 110;fine quicksand 120; gravel 127.
Con V " 11	C.B.Wilson	S.McCauley	Jul.13,1954	5						Yellow clay 10;blue clay 139;quicksand 163;blue clay 186. Dry hole.
Con V " 11	"	"	Jul.30,1954	4	4	167	125	Fresh	D	Yellow clay 10;blue clay 138;quicksand 158;blue clay 206; quicksand 252;coarse sand fine gravel 257.
Con V " 16	H.Detweiler	"	Oct.26,1953	4	5	50	3	"	D	Yellow sand 6;quicksand 10;blue clay fine stones 108;soft blue clay 125;gravel 128.
Con V " 16	"	"	Aug.16,1954	3 1/2	1/2		0	"	D	Previously drilled 128;blue clay 132;quicksand 148;sand gravel 153.
Con VII " 2	R.Leggett	M.Babiuk	Nov.25,1953	24						Hard brown clay 12;grey clay pebbles 21;grey sand some gravel 28;grey clay pebbles 40;grey sand some gravel stones 45. Dry hole.
Con VII " 2	Leggett & McCort	S.McCauley	Aug. 7,1954	5	4	136	106	Fresh	D	Yellow clay 15;blue clay 61;hardpan 78;blue clay 102;soft blue clay 151;gravel 157.
Con VII " 8	W.M.Bullock	"	May 20,1954	5		135	60	"		Yellow clay 8;clay gravel 15;blue clay 90;quicksand 134;sand 135;blue clay. Well not finished.
Con VII " 8	H.Allan	"	Dec. 28,1954	6 1/2	3	260	Flows	Salt		Clay 2;blue clay 7;gravel stones 12;blue clay 131;blue clay shale 260. Abandoned.
Con VII " 15	B.McCauley	"	Apr.19,1954	5	1/2	90	82	Fresh	D	Yellow sand 84;blue clay 90;fine sand 93;coarse sand fine sand 120.



PERL COUNTY-cont.

Caledon Twp.

HSE Con I	lot 16	A. Giles	O.R. Bellerby	Jun. 12, 1953	4	8	21	18	Fresh	D	Clay boulders 27; limestone 60.
HSE Con I	" 25	School S #11	C. Smith	Sep. 23, 1954	4	15	56	53	"	D	Clay large boulders 48; hard grey limestone 80.
HSE Con II	" 30	C. Shropshire	C. Shropshire	Sep. 18, 1954	4	4	29	22	"	D	Sandy loam top soil 3; gravelly clay boulders 26; limestone 31; gravel 32; limestone 52.
HSE Con V	" 10	A. Graham	S. McCauley	Apr. 14, 1953	5			35			Yellow sand 40; fine gravel 63; fine sand 114; silty sand 120; fine sand 139. Abandoned.
HSE Con VI	" 3	F.O. Jakman	"	Sep. 17, 1954	4	2	121	72		D	Yellow clay 6; yellow sand 23; blue clay 80; quicksand 121; blue clay 152; fine sand 160.
HSE Con VI	" 10	F. Nugent	"	Nov. 15, 1954	4						Previously drilled 136; dirty sand 169; blue clay 170. Abandoned.
HSE Con VI	" 22	W. Taylor	C. Shropshire	Nov. 20, 1953	4	2	30	30	Fresh	D	Sand loam 3; stones sand 18; limestone 22; gravel 23; limestone 37.
HSE Con VI	" 23	C.W. Lewis	S. McCauley	Oct. 20, 1954	4	1	70	22	"	D	Gravel sand 60; gravel 72; limestone 89; red shale 90.
HSE Con VI	" 23	W. Beatty	"	Nov. 17, 1954	5	2	50	50	"	C	Gravel sand 75; gravel 87; red shale 170.
HSW Con I	" 1	H. Fudge	C. McClure	Oct. 20, 1953	4	4	85	78	"	D, S	Sandy clay 10; blue clay 113; heaving sand 130; coarse gravel 138.
HSW Con I	" 1	E. Clarke	"	May 28, 1954	4	4	50	50	"	D	Top soil 5; grey silt 30; blue clay 100; sand 130; sand and gravel mixed 140.
HSW Con I	" 15	R. Black	O.R. Bellerby	Mar. 27, 1953	6	8	20	20	"	D, C	Clay boulders 20; limestone 40; blue shale 65; limestone 67.
HSW Con I	" 15	A. Speirs	C. McClure	Jun. 10, 1954	4	4	12	12	"	D	Top soil 3; coarse gravel boulders 20; limestone 55.
HSW Con I	" 16	D. Speers	"	Apr. 14, 1953	4	4	12	12	"	D	Top soil 3; pinkish gravel 20; sandy red clay 30; limestone 45.
HSW Con I	" 16	W. Giles	"	May 4, 1953	4	4	18	18	"	D	Top soil 3; pinkish gravel 20; sandy red clay 32; limestone 47.
HSW Con I	" 16	E. Stubbs	E.R. Bellerby	June 1953	4	8	20	15	"	D	Clay boulders 26; limestone 64.
HSW Con I	" 16	"	"	Jul. 1, 1953	4	8	20	15	"	D	Clay boulders 25; limestone 61.
HSW Con I	" 16	T. Thompson	"	Jul. 12, 1953	4	8	21	15	"	D	Clay boulders 25; limestone 65.
HSW Con I	" 24	E.H. Morgan	C. Smith	Oct. 24, 1953	4	12	45	38	"	D	Stony clay 35; sandy clay 45; limestone 75.
HSW Con II	" 1	Dr. Cryderman	C. McClure	Jun. 26, 1953	4	4	20	20	"	D	Brown sand 10; red clay 15; red shale 60.
HSW Con II	" 2	D. Early	"	Jul. 3, 1953	4	4	20	20	"	D	Brown sand 10; red clay 15; red shale 60.
HSW Con II	" 4	Balmer Farms	"	Jun. 19, 1953	4	4	40	40	"	D	Red clay 10; red gravel 40; red shale 80.
HSW Con II	" 15	E. Laughlin	C. Smith	Oct. 9, 1953	4	3	240	50	"	D	Gravelly clay 35; blue silt 225; stony clay 240.
HSW Con III	" 13	R. Watson	C. Smith	Aug. 8, 1953	4	5	96	96	"	D	Sandy clay 40; boulders clay 50; sand silt 90; gravel 105.
HSW Con IV	" 23	W. Weatherstone	"	Apr. 10, 1953	4	10	20	16	"	D	Clay 10; stony clay shelly rock 30; solid brown limestone 47.
HSW Con IV	" 23	E. Hyde	C. Shropshire	Sep. 29, 1954	4	5	15	15	"	D	Dug well 9; sandy clay large boulders 17; limestone 28.
HSW Con IV	" 23	K. Pearoy	"	Oct. 8, 1954	4	3	35	25	"	D	Top soil 2; gravel stones 18; limestone 23; gravel 24; limestone 42.
HSW Con V	" 10	H. Hagaman	R.H. Wonch	Jul. 10, 1954	4	3	30	24	"	D	Clay stones 39.
HSW Con V	" 10	G. Hepworth	"	Aug. 12, 1954	4	3	80	75	"	D	Clay stone 65; blue clay 115; red clay gravel 125.
Chinguacousy Twp.											
HSE Con I	lot 18	W.J. Cook	M. Babiuk	May 18, 1954	24			50	Fresh	D	Brown clay few pebbles 20; grey clay few pebbles 50; gravel some sand 55.
HSE Con I	" 19	H. Reinhart	"	Jun. 12, 1954	24		40	40	"	D	Brown clay 18; grey clay few pebbles 45; grey gravel some sand 50.
HSE Con I	" 34	B. Nixon	C. McClure	May 30, 1953	4	4	70	14	"	D	Top soil 3; blue clay 95; grey sandy silt 120; red clay 130; red shale 138.
HSE Con II	" 11	C. Ambrosis	S. McCauley	Jul. 30, 1953	4	2	70	45	"	D	Yellow clay 10; yellow sand 18; fine sand 41; fine gravel 52; coarse gravel 60; fine gravel 67; coarse gravel 83; quicksand 111; fine sand 152; shale 153.
HSE Con II	" 16	D.T. Rioux	D.P. Jacobson	Nov. 12, 1954	6 1/2	8	49 1/2	48	"	D	Dark-brown sandy soil 1; light-brown clay 4; brown clay stones 11; sandy clay 35; gravel fine sand 70; gravel coarse sand 73; coarse gravel 76.
HSE Con II	" 17	G. Rayner	T.H. Ruthledge	Aug. 1, 1953	5	10	100	45	"	D	Brown clay 10; brown clay gravel 70; hardpan 120; sand gravel 127.
HSE Con III	" 8	L. Ackroyd	S. McCauley	Nov. 20, 1954	6	4	20	6	"	D, S	Dug well 16; blue clay 34; gravel 36.
HSE Con III	" 10	D. Bowers	M. Babiuk	Sep. 30, 1953	24			17	"	D	Brown clay 12; blue clay 28; grey sand.
HSE Con III	" 14	W.E. Gray	S. McCauley	Feb. 25, 1953	5	2	22	8	"	D	Blue clay 20; coarse gravel 22; fine gravel 40.
HSE Con III	" 16	H. Archdekin	"	Jul. 16, 1953	4	5	60	35	"	D, S	Old well 44; blue clay 71; fine sand 118; fine gravel 120.
HSE Con III	" 30	Baptist Church	C. McClure	Sep. 30, 1954	4	6	74	22	"	D	Dug well 20; blue clay 80; red shale 90.
HSE Con IV	" 5	J.J. Shaw	S. McCauley	Mar. 9, 1953	5	1 1/2	35	7	"	D	Old well 15; shale 31; streaks of blue clay shale 42; shale 62.
HSE Con IV	" 5	Crawford/Cook	"	Feb. 20, 1954	5	2		15	"	D, C	Yellow clay 6; blue clay 12; blue clay shale 26; blue shale 50.
HSE Con IV	" 5	J. Hewson	C. McClure	Jul. 15, 1954	4	6	45	22	"	D	Top soil 3; blue clay 22; blue shale 50.
HSE Con IV	" 15	W. Craig	W.E. Core	Mar. 18, 1954	5	3	32	28	"	D, S	Dug well 35; blue clay sand 72; gravel 75.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PEEL COUNTY-cont. Chinguacousy Twp. cont.										
HSE Con IV lot 17	S.Archdekin	S.McCauley	Dec. 1, 1953	4	2½	82	25	Fresh	D,S	Loam 2; blue clay 23;quicksand 39;blue clay fine gravel 67; blue shale 82.
HSE Con IV " 23	A.Armstrong	C.McClure	Jun.25, 1954	4	4	80	30	"	D	Top soil 4;blue clay 90;blue shale 110.
HSE Con IV " 27	G.Tighe	S.McCauley	Sep.15, 1953	4	8	21	9	"	D,S	Old well 10;blue clay 14;quicksand 26;fine gravel 27;blue clay 39;fine gravel 44.
HSE Con V " 5	MorrisonMotors	W.E.Core	Dec.28, 1953	5	1	20	15	slight Salt	C	Top soil 2;blue clay 32;blue shale 70.
HSE Con V " 5	C.Tilson	S.McCauley	Mar.22, 1954	5	6	22	12	Fresh	D	Top soil 1;blue clay 3;blue clay boulders 11;blue clay blue shale 30;blue shale 40.
HSE Con V " 29	H.Wilson	"	May 28, 1953	5½	4	20	8	"	D,S	Old well 20;quicksand 40;blue clay 43.
HSE Con V " 29	"	"	Feb. 9, 1954	4	4	85	80	"	D,S	Dug well 20;quicksand 60;blue clay 64;quicksand 112;fine gravel 113;quicksand 214;blue clay 229;fine sand 236;sand 240.
HSE Con VI " 5	Imperial Oil	C.H.Rutledge	Oct.29, 1954	8						Brown clay 15;blue clay 18;blue shale 75. Dry.
HSE Con VI " 6	J.Maltby	S.McCauley	Apr.21, 1954	4	2		22	Fresh	D	Dug well 24;shale 39.
HSE Con VI " 6	S.Gautley	C.H.Rutledge	Jun. 4, 1954	4						Top soil 2;brown clay boulders 18;blue shale 62. Dry hole.
HSE Con VI " 10	W.Burrell	W.E.Core	Mar.16, 1953	4	1		Flows	"	D	Top soil 2;blue clay 46;gravel 50.
HSE Con VI " 10	"	S.McClure	Aug.19, 1954	4			8	Salt		Yellow clay 12;blue clay stones 16;blue clay hard gravel 58; shale 50. Abandoned.
HSE Con VI " 10	"	"	Aug.25, 1954	4	¼	±12	10	Sulphur	D	Yellow clay 11;blue clay stones 16;blue clay gravel 58; black shale 60.
HSW Con I " 1	Sun Oil Co.	Brodie & Dennis	Jun.28, 1954	6½	2½	90	29	Fresh	C	Loam 4;yellow clay blue clay 42;blue clay 62;blue shale 98.
HSW Con I " 2	H.Moorehead	J.R.Sprowl	Apr. 5, 1954	6½	5	30	20	"	D	Clay 28;stony clay 30;red shale 42;blue shale 93½.
HSW Con I " 2	P.Dalzell	W.E.Core	Jul.26, 1954	4	1	20	19	Salt	D	Brown clay 20;fine sand 65;red shale 78. Abandoned.
HSW Con I " 18	E.Cunnington	M.Babiuk	Sep.18, 1953	24			44	Fresh	D	Brown clay 15;blue clay 35;grey sand 44;quicksand 49.
HSW Con I " 18	J.P.Waller	"	Jun.20, 1954	24			51	"	D	Brown clay few pebbles 22;grey clay few pebbles 51;grey sand lots of small stones 57.
HSW Con I " 18	K.R.Jay	"	Jul. 3, 1954	24			48	"	D	Brown clay few pebbles 23;grey clay pebbles 47;fine grey sand 54;fine sand 60.
HSW Con I " 28	V.McClure	C.McClure	May 6, 1954	4	4	128	12	"	D	Top soil 3;blue clay 70;sand 83;boulders 90;red shale 148.
HSW Con I " 34	O.Maxwell	"	Jun.12, 1953	4	4	48	48	"	D	Top soil 3;blue clay 70;red sand 80;red clay 90;red shale 95.
HSW Con II " 2	W.Welfare	W.E.Core	Jul.19, 1954	4	½	20	18	"	D	Top soil 2;brown clay 15;fine sand 60;red shale 72.
HSW Con II " 5	J.Brown	"	Aug. 2, 1954	5	3	10	3	"	D,C	Brown clay 23;fine sand 28;red shale 54.
HSW Con II " 11	Rosafe Farms	C.McClure	Nov.25, 1953	6	4	60	18	"	S	Stony red clay 18;red shale 60.
HSW Con II " 34	J.M.Oswald	"	Jul.31, 1953	4	4	90	23	slight Salt	D	Boulders 3;stony red gravel 25;red clay 30;red shale 90.
HSW Con III " 6	J.Harriet	W.E.Core	Aug.25, 1954	5	1	8	8	Fresh	D	Dug well 12;red shale 39.
HSW Con III " 9	Ont.HydroElec.	C.McClure	Aug.19, 1953	5	15	15	8	"	P	Black loam 5;brownish clay 10;red hardpan 15;red shale 48.
HSW Con V " 3	F.Brunskill	Brodie & Dennis	Aug.26, 1953	6½	½	105	14	Salt	"	Sandy soil 9;quicksand 23;pebble till 53;shale 105.Abandoned.
HSW Con V " 3	French & Son	"	Sep.13, 1953	6½				"	T	Sandy soil 9;quicksand 23;pebble till 53;shale 105.Dry hole.
HSW Con V " 6	V.Wagner	R.H.Gadke	Jun. 3, 1953	4	8	86	56	"	D	Red shale 86.
HSW Con V " 7	P.Hall	C.McClure	Jun.30, 1954	5	8	20	20	Fresh	D	Red clay 10;red shale 48.
HSW Con V " 9	R.Laidlaw	"	Oct.20, 1954	5	6	10	4	"	D	Red clay 3;red shale 38.
HSW Con V " 27	C.Upshall	"	Sep.14, 1954	4	6	70	70	"	D,S	Blue clay 120;grey silt 130;very fine gravel 132.
HSW Con VI " 6	B.Galloway	J.R.Sprowl	Apr.15, 1954	5½	1	125	40	"	D	Sand 5; blue clay gravel 85;quicksand 100;gravel clay 120; fine gravel 125.
HSW Con VI " 6	R.Barnett	C.McClure	Aug.26, 1954	4	6	138	50	"	D	Blow sand 2;brown clay 10;blue clay 80;red clay 86;red shale 138
HSW Con VI " 27	J.Vanderfleet	"	Sep.29, 1953	4			15	Salt	"	Red clay 10;red shale 33. Abandoned.
HSW Con VI " 28	C.H.Barnes	J.R.Sprowl	Jun. 8, 1954	6½	4	60	20	Fresh	D	Clay 5;mixed red and blue shale 106.
HSW Con VI " 29	K.R.Thompson	"	Aug.29, 1953	6½	10	30	30	"	D	Red shale 103.
HSW Con VI " 29	P.Lyons	"	Aug. 4, 1954	6½	3	65	20	"	D	Red clay 2;red shale 70.
HSW Con VI " 32	C.J.Wilkins	"	Jun.16, 1954	4	10	22	12	"	D	Gravel clay boulders 22;grey limestone 55½.

## PEEL COUNTY-cont.

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1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PEEL COUNTY-cont. Toronto Twp.cont.										
HSW Con I lot 3	School	D.P.Jacobson	Sep.25,1953	5½	40	145	55	Fresh	P	Blue clay 50;quicksand 145;fine brown sand 150;coarse gravel fine sand 162;hardpan 165.
HSW Con I " 6	T.D.Lancaster	"	Apr.30,1954	5½	3	35	15	"	D	Brown clay 29;grey shale 51.
HSW Con I " 6	T.Crow	"	Jul.22,1954	5½	3	48	42	"	D	Brown clay 16;blue clay 50;hardpan clay sand 56;soft clay sand 58;sand gravel 62.
HSW Con I " 6	J.S.Dunn	W.E.Core	Nov.25,1954	4	2	18	8	"	D	Top soil 3;yellow clay 15;red shale 65.
HSW Con I " 7	W.N.Steen	C.McClure	Feb.14,1953	4	4	30	30	"	D	Blue clay 64;grey silty sand 80;gravel 109.
HSW Con I " 7	B.Madill	S.S.Rice	Feb.15,1953	5	4	150	10	"	D,S	Old well 100;blue shale limestone 150.
HSW Con I " 7	"	"	Mar.27,1953	5	8	70	5	"	D,S	Yellow and red clay 15;red medina rock 45;limestone 70.
HSW Con I " 12	G. Ball	D.P.Jacobson	May 28,1953	5½	3	125	31	"	D	Blue clay 60;quicksand 71;fine brown sand 73;coarse sand gravel 81;grey clay boulders 96;brown shale rock 99;blue shale 126.
HSW Con I " 15	F.DeMark	C.McClure	Dec.21,1953	4	4	86	23	"	D	Dug well 20;sand stones 30;red shale 86.
HSW Con I " 15	Town/Country	W.E.Core	Sep. 1,1954	4	½	30	24	"	D	Brown clay 15;red clay 33;red shale 62.
HSW Con I " 15	"Const.Co."	"	Sep.16,1954	4	½	30	25	"	D	Brown clay 30;red clay 39;red shale 71.
HSW Con I " 15	F.DeMark	"	Oct.30,1954	5	1½	25	20	"	D	Top soil 1;yellow clay 40;grey shale 78.
HSW Con II " 10	G.Stoutt	D.P.Jacobson	Sep.20,1953	5½	10	14	9	"	D	Blue clay 89;fine grey sand 93;coarse gravel 94½;blue-green clay 105;very coarse sand some gravel 108.
HSW Con II " 11	St.Mary's Seminary	Brodie & Dennis	Jan.10,1954	6	6	60	11	"	P	Sand clay 32;coarse sand silt 35;blue clay 78;silt fine sand 159;silt fine gravel 160;shale 164.
HSW Con III " 1	R.Krepper	D.P.Jacobson	Jun.15,1953	5	3	55	14	"	D	Brown clay boulders 20;stones gravel 44;grey shale 60.
HSW Con III " 6	F.Courtney	T.H.Rutledge	Mar.15,1953	4	5	85	60	"	D	Previously drilled 70;muddy sand gravel 72;blue clay 92; hardpan 99;gravel.
HSW Con III " 9	J.Chadwick	Brodie & Dennis	Sep. 4,1953	6½	30	40	23	"	D	Clay 42;silt 60;silt gravel 63;silt pebbles 90.
HSW Con III " 11	L.Emerson	D.P.Jacobson	Sep. 5,1954	6½	8	20	Flows	"	D	Brown sand gravel stones boulders 12;grey and blue clay 65; gravel stones some clay chunks 85;grey clay 90;gravel large stones fine sand 108.
HSW Con IV " 2	W.Millman	Brodie & Dennis	Feb.20,1953	6½	1½	63	51	Sulphur	D	Grey clay 35;grey shale 40½;blue shale 51;rock 58½;blue shale 63½.
HSW Con IV " 2	K.Honsberger	"	Mar.30,1953	6½	2½	50	12	Fresh	D	Sand 7;blue clay 18½;blue shale 63.
HSW Con IV " 2	E.Drury	S.S.Rice	Dec.11,1953	6	2½	96	46	Salt	D	Yellow clay boulders 35;blue clay 41;sandstone limestone 96. Abandoned.
HSW Con IV " 5	E.Christl	"	Sep.30,1953	5	8	20	10	Fresh	D	Yellow clay boulders 15;limestone 70.
HSW Con VI " 4	P.Zymoncyk	Brodie & Dennis	Apr.11,1953	6½	1	30	10	"	D	Red clay 4;red shale 30.
Toronto Gore Twp.										
ND Con VII lot 4	Lundberg Exploration	C.McClure	Mar.17,1953	4	4	40	22	Fresh	D	Top soil 3;blue clay 80;sandy clay 100;gravel 105;coarse stones 108.
ND Con VII " 10	G.Monk	"	Nov.19,1954	4	6	10	Flows	"	D,S	Blue clay 40;grey hardpan 55;sandy silt 70;fine gravel 80.
ND Con VIII " 1	H.D.Jones	D.P.Jacobson	Jun.30,1954	5½	½	110	26	"	D	Brown clay 8;grey clay gravel 83;grey clay gravel sand 83½; grey clay silt gravel 88;sand silt gravel 96;grey clay gravel 104;sand silt gravel 115.
ND Con VIII " 1	D.Manning	"	Jul.12,1954	5½	1½	77	19	"	D	Brown clay gravel 15;grey clay gravel 75;sand gravel 78; grey shale 82.
ND Con VIII " 1	R.Byron	"	Sep.21,1954	5½	5	85	28	"	D	Gravelly brown clay 12;grey clay 30;sandy grey clay 86;very sandy grey clay 99;fine and coarse sand gravel 112;fine and coarse gravel little sand 117;fine and coarse sand 123;gravel.
ND Con VIII " 2	H.Lewis	D.P.Jacobson	Sep. 8,1954	5½	6	80	33	"	D	Brown clay gravel 16;blue clay gravel 38;fine sand gravel 38½; fine grey sand 62;grey clay sand gravel 88;sand and gravel mixed 95;clay sand gravel 115;fine sand 116.
ND Con VIII " 8	E.Hodgson	C.H.Rutledge	Jul.15,1954	6	5	110	48	Fresh	D	Dug well 50;blue clay 70;gravel clay 72;clay 75;shale 110.
ND Con VIII " 8	"	"	Jul.20,1954	6	5	110	48	"	D	Brown clay 18;blue clay 70;blue clay mud stone 75;blue shale 110.

## PEEL COUNTY-cont.

Toronto Gore Twp. cont.

Blanshard Twp.		Con	Lot	Name	Owner	Date	4	6	48	4	Fresh	D	Blue clay boulders 14; blue clay 35; grey shale 48.
MD Con VII	lot 15	K.Kaffe	C.McClure	Dec. 8, 1954			5	1	80	20	"	D	Top soil 2; blue clay 40; blue shale 64.
MD Con IX	" 4	I. Champlaine	W.E. Core	Mar. 2, 1953			24			10	"	D	Brown clay 15; grey clay 25; grey clay few pebbles 37.
MD Con XI	" 8	W.R. Fleming	M. Sabluk	Jun. 5, 1954									
PERTH COUNTY													
Blanshard Twp.													
Con V	lot 12	H. Paynter	L. Hayden & Son	Feb. 5, 1953			4	5		40	Fresh	D, S	Hardpan clay 12; fine sand 13; hardpan 19; stones sand 24; hardpan stones 45; fine sand 48; hardpan stones 70; sand stones 75; grey limestone 125.
Con VII	" 25	H.O'Brien	J.D. Hayden	Oct. 15, 1953			4	10	140	140	"	D, S	Old well 43; stones 46; hardpan gravel 72; hardpan stones sand 104; stones 124; hardpan 140; sand stones 152; hardpan stones 163; grey limestone 178.
Con IX	" 10	W. Massey	"	Oct. 13, 1954			4	5	60	60	"	D, S	Clay 14; sand 20; yellow clay 35; hardpan 64; limestone 82.
Con IX	" 15	M. Spence	"	Oct. 20, 1954			4	10	20	20	"	D, S	Yellow clay 30; sand 32; hardpan 63; sand boulders 72; limestone 75.
Con XIV	" 13	School S. #9	"	Jun. 1, 1953			4	15	110	110	"	P	Yellow clay 31; sand 34; clay stones 60; sand stones 63; hardpan stones 83; sand stones 94; hardpan stones 100; sand stones 102; hardpan 107; brown limestone 157.
NB	" 11	D. Rankin	"	Nov. 2, 1954			4	6	45	45	"	S	Clay 12; stones 14; sand 30; hardpan 60; sand 82; brown limestone 111.
Downie Twp.													
Con I	lot 7	N. McFarlane	W. Hopper & Sons	Jan. 5, 1953			4	12	36	32	Fresh	D, S	Dug well 45; white clay 55; gravel 60; hardpan till 90; gravel 95; hardpan stones 125; gravel 130; brown and white limestone 180; white limestone 205.
Con I	" 13	W. Scherbert	"	Dec. 5, 1953			4	10	20	15	"	D	Top soil clay 10; blue clay 54; hardpan 75; gravel 78; hardpan 103; limestone 150.
Con I	" 16	H. Petersen	"	Apr. 20, 1953			4	12	18	15	"	D	Top soil yellow clay 10; hardpan 80; gravel 84; hardpan 105; grey limestone 150.
Con I	" 16	J. Johnson	"	Jul. 15, 1953			4	10	15	12	"	D	Top soil clay 12; hardpan 75; gravel 80; hardpan 101; limestone 145.
Con XII	" 22	D. Muir	F.L. Davidson	Dec. 14, 1953			4	10	100	87	"	D, S	Clay 13; till 80; gravel 94; shale 120; hard rock 165.
Gore Con IX	" 7	Bimini United Church Camp	W.D. Hopper & Sons	Jul. 6, 1953			4	10	26	24	"	P	Sand 15; sandy clay stones 65; hardpan 75; sand 115; gravel 140; hardpan shale 160; limestone 202.
Ellice Twp.													
Con I	lot 17	Messerschmidt	W.D. Hopper & Sons	Apr. 4, 1953			4	11	14	11	Fresh	D	Top soil yellow clay 14; hardpan stones 65; gravel 67; hardpan 85; gravel 90; hardpan 102; limestone 140.
Con I	" 20	R. Cameron	"	Nov. 12, 1954			4	10	30	28	"	D	Yellow clay 15; fine sand 50; hardpan some stone 110; grey limestone 150.
Con III	" 7	L. Stock	"	Dec. 17, 1954			4	12	38	37	"	D, S	Dirty gravel 90; hardpan cemented gravel 146; grey limestone 247.
Con V	" 32	C. Brown	"	Oct. 14, 1953			4	10	19	15	"	D, S	Dug well 16; stony hardpan 80; limestone 123.
Con XI	" 28	C. Daub	E. Bell	Jun. 25, 1954			4	10	48	48	"	D, S	Old well 42; clay stones 50; hardpan 85; hard clay 125; limestone 166.
Con XII	" 15	C.H. Debus	C. Keeso	Jun. 28, 1954			4	14	19	17	"	D, S	Dug well 15; clay 50; hardpan boulders 94; shale 102; limestone 145.
Con XIII	" 29	N. Hogg	"	Dec. 12, 1953			4	14	25	23	"	D, S	Old well 22; blue clay 60; hardpan 82; shale 95; grey rock 131.
Con XV	" 2	M. Gurber	F.L. Davidson	Feb. 4, 1953			4	10	60	52	"	D, S	Sand 20; clay 55; till 147; rock 156.
Elma Twp.													
Con I	lot 51	J. Watt	C. Keeso	Nov. 18, 1954			4	12	49	48	Fresh	D, S	Blue clay 45; hardpan 80; gravel clay 100; sand 113; shale 125; grey rock 145.
Con IV	" 16	H. Turnbull	"	Feb. 2, 1954			4	14	20	18	"	D, S	Clay 20; hardpan 42; sand gravel 60; shale 76; brown rock 84.
Con VII	" 15	Presbyterian Church	"	May 15, 1954			4	15	3	0	"	D	Yellow clay 50; sand 58; shale 64; brown rock 102.
Con VIII	" 15	W. Bennett	"	Mar. 14, 1953			4	14	17	14	"	D	Clay 40; hardpan 68; shale 79; limestone 110.
Con VIII	" 15	O. Smith	"	Jul. 29, 1954			4	14	14	10	"	D	Clay 20; hardpan 45; gravel clay 60; sandy shale 68; brown rock 138.
Con VIII	" 16	L. Hood	"	Jul. 20, 1954			4	15	16	14	"	D, S	Dug well 30; clay 60; shale 70; limestone 83.
Con VIII	" 16	H. Kidd	"	Sep. 3, 1954			4	15	15	14	"	D	Dug well 11; clay 24; gravelly hardpan 50; sandy clay 70; shale 78; brown rock 104.
Con VIII	" 23	D. Henderson	"	Sep. 10, 1954			4	15	16	16	"	D, S	Dug well 33; blue clay 74; sand 86; shale 93; grey rock 116.
Con X	" 5	L. Lucas	"	Feb. 10, 1953			4	14		2	"	S	Clay 80; sand 155; shale 165; limestone 185.
Con XI	" 24	W. Gliner	"	Aug. 14, 1954			4	25			"	S	Top soil 4; blue clay 57; brown rock 578.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY-cont.										
Elma Twp. cont.										
Con XVI lot 28	W.Coxon	W.Hopper & Sons	Nov.18,1953	4	9	12	10	Fresh	D,S	Blue clay 50;grey clay 110;very red clay 155;white shale 165.
Con XVI " 32	School S # 9	"	Aug. 5,1953	4	10	10	6	"	P	Top soil yellow clay 10;blue clay 25;white clay stones 55; hardpan shale 94;yellow limestone 137.
Con XVIII " 15	R.Rennick	C.Keeso	Nov. 3,1954	4	13	20	18	"	D	Clay 18;hardpan 60;sandy clay 90;sand gravel 110;shale 118; brown rock 132.
Con XVIII " 27	M.Broughton	"	Aug. 4,1953	4	14	5	3	"	S	Clay 40;gravel clay 60;sand 70;shale 83;brown rock 110.
Pullarton Twp.										
Con I lot 14	D.Fisher	W.Hopper & Son	Aug.26,1954	4½	9	28	25	Fresh	D,S	Top soil 2;stony hardpan 40;blue clay 60;hardpan 77;brown limestone 125.
Con II " 16	J.Rauser	"	Mar.15,1954	4	10	45	40	"	D,S	Grey clay 40;hardpan stones 101;coarse gravel 112;grey limestone 154.
Con II " 20	H.Fawcett	E.Bell	Sep.16,1954	4	5	64	64	"	D,S	Clay 25;sand 30;clay 50;hardpan 70;clay 100;hard clay 102; limestone 127.
Con II " 26	A.Rohdie	"	Jun.17,1953	4	13		52	"	D,S	Clay 50;hardpan 70;stones sand 90;sand 110;clay 125;limest.157.
Con II " 26	P.Harris	"	Sep.24,1953	4	5		31	"	D	Clay 20;clay boulders 50;clay 60;sand 95;limestone 121.
Con III " 15	W.Tam	W.Hopper & Sons	Aug.18,1954	4½	10	43	43	"	D,S	Top soil yellow clay 13;gravel 15;hardpan 113;loose rock 120; yellow limestone 154.
Con IV " 21	W.Nichols	E.A.Keeso	Oct. 4,1954	4	12	83	80	"	D,S	Clay stones 120;sand 148;yellow sand 161;sandstone 190; limestone 192.
Con IV " 25	D.Bailey	W.Hopper & Sons	Aug.25,1953	4	8	100	85	"	D,S	Top soil yellow clay 12;blue clay 80;hardpan 150;sandy clay stones 181;rock 227.
Con V " 29	C.Brownlee	E.Bell	Oct.13,1954	4	10	96	96	"	D,S	Very hard clay 4;hardpan 25;hard clay stones 60;hardpan 80; hard clay stones 103;limestone 189.
Con VII " 8	B.Knott	H.A.Kerr	Apr.23,1953	4	15	110	90	"	D,S	Clay 40;hardpan 65;clay 106;rock 159.
Con IX " 4	G.Gruber	W.Hopper & Sons	Sep.24,1954	4½	10	80	76	Fresh	D,S	Dug well 17;blue clay stones 70;hardpan 91;soft yellow limestone 96;brown limestone 135.
Con IX " 16	School S.#3	"	Jul.31,1954	4½	5	90	85	"	P	Fill 1;big stones 5;hardpan 102;gravel 115.
Con XVII " 19	W.R.Clark	"	Sep.15,1954	4½	8	150	150	"	D,S	Top soil 14;yellow clay 12;blue clay 39;hardpan 94;white limestone 197.
Con XVIII " 20	A.Clark	"	Oct.19,1954	4½	8	135	134	"	D,S	Top soil 1;yellow clay 12;sandy clay 17;stony clay 73; white limestone 180.
Hibbert Twp.										
Con I lot 16	Friend & Whetam	W.Hopper & Sons	Apr. 7,1954	5½	11	38	38	Fresh	C	Cellar 4;yellow clay 12;blue clay 67;hardpan stones 103; grey limestone 167.
Con I " 19	T.Dorsey	C.Keeso	Feb.28,1953	4	14		27	"	D,S	Old well 20;gravel clay 40;hardpan 72;sand 84;shale 90; limestone 120.
Con III " 1	Heaky Flax Products Ltd.	W.Hopper & Sons	Sep. 2,1953	4	9	75	70	"	In	Top soil 1;yellow clay 15;hardpan 100;gravel stones 115; hardpan 120;limestone 195.
Con VII " 15	F.Roney	"	Jun.18,1954	4	6	125	125	"	D,S	Top soil yellow clay 12;sandy clay 18;hardpan 68;gravel sand 75;loose rock 78;brown limestone 145.
Con VIII " 1	N.Dow	"	Nov.20,1953	4	5	305	301	"	D,S	Top soil 2;yellow clay 14;blue clay 31;hardpan 62;white limestone 150;yellow rock 300;black and white rock 334.
Listowel	Spinrite Yarns	C.Keeso	Oct.18,1954	5½	50	26	17	Fresh	In	Top soil 6;clay 25;hardpan 40;shale 52;hard limestone 220; hard blue rock 262.
Logan Twp.										
Con I lot 35	J.Meagher	W.Hopper & Sons	Mar.17,1954	4½	8	44	40	Fresh	D,S	Top soil clay 10;very stony hardpan 40;hardpan 85;gravel 90; cemented gravel 102;brown limestone 163.
Con IV " 20	T.McKenzie	E.Bell	Jun.11,1954	4	10		52	"		Old well 30;clay stones 50;sand clay 60;clay 105;limestone 166.
Con IV " 24	A.Rock	E.Bell	Nov.16,1954	4	7		52	"	D,S	Clay 50;clay stones 74;hardpan 90;clay stones 106;limest.164½.
Con VIII " 30	W.Hoegy	E.A.Keeso	Oct.15,1954	4	12	47	46	"	D	Dug well 11;clay 38;clay gravel 76;shale rock 91;brown limest.96







# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY-cont.										
South Easthope Twp. cont.										
Con I lot 43	H. Baird	H.A. Kerr	Nov. 12, 1953	4	15	80	60	Fresh	D	Clay 40; marl 41; clay 88; gravel sand streaks 97; sand clay gravel 160; limestone 190.
Con II " 30	A. Herlich	"	Apr. 15, 1953	4	15	70	50	"	D, S	Clay 64; sand 77; stony clay 86; blue clay 141; black clay 154; hardpan 170; clay 190; stony clay 215; rock 235.
Con III " 6	S. Roth	"	Sep. 30, 1954	4	15	37	34	"	D, S	Clay 30; hardpan 35; sand 54; gravel 55; sand 80; sand gravel 84; sand 133; limestone 172.
Con III " 10	L. Lighty	"	Feb. 20, 1954	4	15	40	20	"	D, S	Clay 29; sand 32; hardpan 54; sand 90; clay sand 128; hardpan 145; limestone 175.
Con IV " 20	Welcker Bros.	S. Rennick	Mar. 14, 1953	4	8	45	36	"	C	Clay 7; sand 84; hardpan 113; blue clay 125; dirty gravel sand 143; clay hardpan 161; sand 164; hardpan 171; sand 182; hardpan 190; shale 193; limestone 202.
Con VI " 38	H. Lowe	W. Hopper & Sons	Dec. 20, 1954	4½	8	45	40	"	D, S	Top soil yellow clay 10; blue clay 29; blue clay with gravel 90; hardpan 150; cemented gravel 173; yellow limestone 200.
Stratford	Stratford Salvage	W. Hopper & Sons	Oct. 1, 1953	4	9	50	40	"	D	Top soil clay 10; blue clay 50; gravel 65; hardpan 125; sand gravel 135; loose shale 170; yellow limestone 187.
Wallace Twp.										
Con V lot 48	J. Gedcke	C. Keeso	Dec. 3, 1954	4	14	19	17	Fresh	D	Clay 25; hardpan 60; sand 75; sandy shale 98; limestone 116.
Con VI " 2	W. Elliott	E.A. Keeso	Jan. 17, 1953	4	12	42	39	"	D, S	Clay stones 60; shale rock 100; hard white limestone 148.
PETERBOROUGH COUNTY										
Anstruther Twp.										
Con I lot 34	E. Montgomery	Gallagher/Barton	Feb. 23, 1953	4	½		3	Fresh	D	Black granite 4; blue-grey granite 14.
Con I " 34	E. Trotter	"	Mar. 14, 1953	4				"	D	Blue-grey granite 23. Dry hole.
Con I " 34	F. Tanner	"	May 21, 1953	5	1½	34	20	"	D	Sand 20; quicksand 42.
Con II " 36	T. Vance	"	Mar. 19, 1953	5	2	10	6	"	D	Brown clay 3; blue granite 16.
Con II " 38	A. Blakely	"	Jun. 6, 1953	5				"	D	Brown loam 3; grey granite 50. Dry hole.
Asphodel Twp.										
Con III lot 15	School S. #4	Bailey & Lloyd	Sep. 22, 1953	5	3	16	11	Fresh	P	Clay gravel 7; grey limestone 17.
Con V " 13	F. White	"	Dec. 15, 1953	5	2½	16	16	"	D	Brown sandy loam 20; grey quicksand 21.
Con V " 14	E. Worr	"	Oct. 18, 1953	5		24	24	"	D	Sandy brown loam 30; greyish quicksand 32.
Con VI " 15	F. Edworthy	"	Aug. 30, 1953	5	7	19	19	"	D, S	Grey clay gravel 24; grey sand 25.
Con VI " 20	J. Knox	"	Dec. 21, 1953	5	7	25	24	"	D, S	Clay gravel 10; hardpan 34; grey sand 35.
Con VII " 10	J. Crowley	"	Nov. 15, 1953	5	5	20	17	"	D	Brown sandy loam 4; sandy gravel 12; light-grey gravelly clay 24; grey sand.
Con VIII " 5	L. Watson	A. Kennedy	Jul. 3, 1954	5	2½	10	4	"	D	Shale limestone clay 5; grey limestone 16.
Con IX " 7	B. Preston	"	Oct. 27, 1953	5	½	26	14	"	D	Old well 15; hard whitish-yellow clay stones 26.
Con IX " 19	White Rose Service Stn.	N.K. Faulkner	Apr. 22, 1954	6	5	34	34	"	D	Top soil 1; sand fine gravel stones 38; blue clay fine gravel 42.
Belmont Twp.										
Con I lot 5	E. Jeffery	A. Kennedy	Apr. 22, 1954	5	4	7	4	Fresh	P	Sand limestone 2; grey limestone 25.
Con II " 6	H. Russell	"	Apr. 15, 1954	5	1	15	10	"	D	Sand boulders 16; grey and blue limestone 36½.
Con II " 12	McLoney Bros.	"	Sep. 18, 1954	5	2	30	18	"	D, S	Sticky red clay 6; red and grey clay rock 56; grey limestone 65.
Con IV " 8	W. Allen	"	Nov. 11, 1954	5	1½	15	12	"	D	Clay boulders 16; red and blue granite 35.
Con V " 11	School	"	Aug. 16, 1954	5	½	45	19½	"	P	Clay boulders gravel 20; pink granite 25; hard green granite 29; blue-grey granite 36; hard green granite 47½.
Con V " 12	A. Wilson	"	Aug. 6, 1954	5	1½	16	10	"	D	Red clay boulders 14; soft red rock 22.
Con VI " 13	G. Rodgers	"	Aug. 22, 1953	5		29½	12	"	D	Grey and green rock 29½.
Con VI " 15	McInnis/Gillespie	"	Jul. 21, 1953	5½		7	7	"	D	Earth 2; red and grey rock 22.
Con VI " 18	E. Sanderson	"	May 28, 1954	5	1½	7	4½	"	D	Shale black stone 5; hard black and blue stone 29.

PETERBOROUGH COUNTY-cont.

Belmont Twp.cont.

Con VII	lot 16	A.Dykeman	A.Kennedy	Jun.25,1954	5	2	16	12½	Fresh	D	Soft red rock clay 19;hard red limestone 43.
Con VIII	" 5	W.Kitchen	"	Sep.30,1953	5		8½	8½	"	D	Reddish sand clay 8½;grey limestone 30.
Con VIII	" 7	P.S.Wright	"	Jul. 1,1954	5	6	38	14	"	D	Sandy loam boulders 14;white limestone 60;grey limestone 80.
Con VIII	" 15	W.Puffer	"	Jun. 5,1953	5½	10	6	Flows	"	P	Red clay gravel 14.
Con VIII	" 15	H.Seeney	"	Jun.16,1953	5½	12		2	"	D	Clay 10;red rock 12.
Con VIII	" 19	J.Wannemaker	"	Jun.15,1953	5½	15	6	2	"	D	Earth 6;black rock 20½.
Con IX	" 1	H.Hoaken	"	Aug. 8,1953	5		14	14	Sulphur	D	Clay hardpan 20;limestone 31.
Con IX	" 1	Trent River	"	Jun. 4,1954	5	4	38	9	Fresh	In	Sand clay gravel 20;grey limestone 60½.
Con IX	" 6	Cemetery	"	Dec. 7,1954	5	2	28	18½	"	P	Sand gravel 25;grey limestone 47½.
Con X	" 9	G.R.Toms	"	Apr.19,1954	5	4	5	2½	"	D	Sand loam 12½;limestone 20½.

Burleigh Twp.

SS Con III	lot 6	H.Shaw	L.B.Macdonald	Jul.28,1954	6½	1½	23	19	Fresh	D	Sand 2;granite 31.
SS Con III	" 6	C.E.Baxter	"	Aug. 9,1954	6	5	20	14	"	D	Clay 4;limestone 34;granite 37½.
SS Con III	" 6	W.Dunford	"	Aug.12,1954	6½	5	14	10	"	D	Sand 3;granite 33.
SS Con IV	" 3	G.E.Rogers	Gallagher/Barton	May 8,1953	6	1½		4	"	D	Light-brown clay 2;blue granite 15.
SS Con V	" 2	W.Janson	"	Apr.20,1953	6	½		3	"	P	Brown clay 3;red granite 14.
SS Con V	" 7	R.Tranter	"	Mar.25,1953	6	2	12	8	"	D	Shale 5;grey limestone 20;red sandstone 22.
SS Con V	" 7	P.Thompson	"	Mar.30,1953	6	2	13	10	"	D	Cellar 2½;grey limestone 9;red granite 20.
SS Con V	" 7	E.May	"	Apr. 8,1953	5	3	10	7	"	D	Grey limestone 20.
SS Con V	" 8	L.Cooper	"	Apr. 6,1953	6			8	"	D	Brown clay 2;red granite 33.
SS Con XI	" 3	S.Murphy	A.Kennedy	Nov.17,1954	5	1	8	7	"	D	Sand boulders 6;red granite 18;sandstone 20.

Curve Lake Indian Reserve

Douro Twp.

Con IV	lot 25	M.Stannard	P.A.McNeely	Jun.20,1953	5½	3	22	22	Fresh	D	Clay 6;grey limestone 45.
Con IV	" 25	R.Hockaday	"	Aug. 8,1953	5½	3	10	10	"	D	Overburden 6;limestone 38.
Con IV	" 25	D.Bevooy	P.A.McNeely	Aug.12,1953	5½	3	11	11	"	D	Stone boulders 6;rock layer 12;bedrock 30.
Con IV	" 25	A.C.Mackey	N.N.Faulkner	Nov.12,1953	6½	7	38	10	"	D	Till 40;limestone 48.
Con VI	" 20	C.Hockaday	P.A.McNeely	Aug.14,1953	5½	3	9	9	"	D	Overburden 10;bedrock 37.
Con VII	" 18	S.Hockiday	N.N.Faulkner	Sep.28,1953	8	8	11	5	"	D	Till 14;limestone 18.
Con VII	" 18	R.Bullock	P.A.McNeely	Dec.10,1954	5½	3	28	20	"	D	Loam 8;hardpan shale 28;grey limestone 78.
Con VII	" 21	R.Stenner	N.N.Faulkner	Jul.29,1953	6½	4	14	8	"	D	Clay 1;brown and grey clay boulders 10;grey limestone 24.
Con VIII	" 4	M.Leaky	"	Oct.26,1954	6	17	18	10	"	D	Top soil 1;brown sand clay 18;blue clay fine gravel 30.
Con VIII	" 5	H.Davis	"	Mar.31,1954	6	8	25	24	"	D	Old dug well 26;blue limestone 36.
Con IX	" 9	B.Quesnel	H.C.Gallagher	Sep.20,1954	5	8	25	7	"	D	Light-brown clay 1;shale 7;grey limestone 25.
Con IX	" 10	J.Victor	N.N.Faulkner	May 20,1953	6½	7	10	1	"	D	Clay 1;sandy grey clay 23;grey limestone 24.
Con X	" 1	S.James	"	Feb. 2,1954	6	7	16	15	"	D	Hardpan stones 32;clay gravel 48.
Con X	" 2	School	"	Feb. 2,1953	6	5	48	22	"	P	Dug well 25;grey hardpan 40;grey limestone 63.
Con X	" 2	C.Davis	"	May 6,1953	6	4	48	17	"	D	Till 54;gravel shale 58.
Con X	" 2	R.E.Bridges	T.J.Curtis	Aug.13,1953	5½		22		"	D	Hardpan 20;grey clay gravel 68.
Con X	" 2	J.Quinn	N.N.Faulkner	Dec. 4,1953	6½	5	59	20	"	D	Dug well 20;grey clay hardpan 73;grey limestone 79.
Con X	" 6	J.Victors	"	Jun. 3,1954	6	2½	10	5	"	D	Top soil 1;sandy gravel stones 10;blue limestone 33.
Con X	" 6	E.Campbell	H.C.Gallagher	Jul.17,1954	5	½	30	5	"	S	Pill 3;shale 10;grey limestone 30.
Con X	" 6	D.Campbell	"	Jul.27,1954	5	½	30	7	"	D	Shale 8;grey limestone 30.
Con X	" 7	Can.Dep.Transp	W.Sanderson	Aug.31,1954	6½	24	15	6	Sulphur	D	Top soil 2;blue clay stones 15;dark-brown limestone 40.
Con XI	" 1	D.Drew	N.N.Faulkner	Jul.15,1953	6½	5	44	10	Fresh	D	Till 55;gravel 59.
Con XI	" 1	J.Hefferman	"	Aug.17,1953	6½	5	48	20	"	D	Till 25;clay 48;sand 58;gravel 60.
Con XI	" 1	A.Brooks	W.Sanderson	Sep. 4,1953	6½	5	20	10	"	D	Top soil 2;brown till 30;gravel 31;rock.
Con XI	" 1	Thompson Bros.	N.N.Faulkner	Jun. 8,1954	6	2½	40	14	"	D	Top soil 1;brown clay stones 45;shale gravel 48.
Con XI	" 1	"	"	Jul. 7,1954	6	2½	37	8	"	D	Top soil 2;blue clay stones 34;blue clay gravel shale 43.
Con XI	" 1	G.Clarke	"	Jul. 9,1954	6	4	41	10	"	D	Top soil 2;blue clay stones 36;blue clay gravel shale 49.
Con XI	" 1	N.Harris	"	Jul.14,1954	6	5	15	10	"	D	Top soil 2;blue clay stones 30;blue clay gravel 54.
Con XI	" 1	W.Drew	"	Aug.26,1954	6	2½	46	10	"	D	Top soil 2;gravelly brown clay 34;stones blue clay 50;small gravel large stones 31.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PETERBOROUGH COUNTY cont.										
Douro Twp. cont.										
Con XI lot 2	C.B. Young	W. Sanderson	Sep. 7, 1953	6½	5	30	6	Fresh	D	Top soil 2; blue till 39; gravel 40.
Con XI " 2	R. McQuade	N.W. Faulkner	May 14, 1954	6	2½	7	6	"	D	Top soil 2; brown clay small stones 20; blue clay shale layers 23; blue limestone 35.
Con XII " 1	C. Montgomery	"	Feb. 2, 1953	6½	5	30	15	"	D	Till 43; gravel 45.
Con XII " 1	W. Taylor	W. Sanderson	Nov. 16, 1953	6½	5	40	12	"	D	Fill 3; brown clay stones 20; blue till 40; grey limestone 60.
Con XII " 1	B. Crockett	N.W. Faulkner	Aug. 20, 1954	6	2½	12	10	"	D	Top soil 1; brown clay stones 12; clay 43; blue clay gravel 45.
Con XII " 1	S. Ashaber	"	Oct. 4, 1954	6½	5	30	10	"	D	Top soil 1; brown clay stones 15; grey clay stone 37; gravel 41.
Con XII " 2	Kawartha Broadcasting	"	Oct. 19, 1954	8	25	100	90	"	C	Brown clay 15; grey clay stones 100; limestone 120.
Con XII " 4	L. Hartman	"	Feb. 7, 1953	6	2½	8	5	"	D	Till 17; limestone 35.
Con XII " 4	C. McPhee	"	May 1, 1954	6	10	13	13	"	D	Top soil 1; sand gravel large stones 18; coarse gravel 20.
Dummer Twp.										
Con I " 13	A. Clarmont	N.W. Faulkner	Feb. 8, 1954	8	8	15	10	Fresh	D	Till stones 10; limestone 25.
Con III " 9	B. Moore	Gallagher/Barton	Jan. 16, 1953	5	1	22	22	"	S	Brown clay boulders 5; shale 8; grey limestone 42.
Con III " 13	J. Liscum	N.W. Faulkner	Oct. 28, 1954	6	7½	20	12	"	D	Old dug well 12; blue clay stones sandy gravel 49; shale gravel 51
Con IV " 5	T. Webster	Gallagher/Barton	Jan. 12, 1953	5	2	28	22	"	D	Brown clay 20; shale 22; grey limestone 32.
Con VI " 29	E. Drain	A. Kennedy	Nov. 24, 1953	5		10½	8½	"	D	Sand clay 15; medium granite 17½; sandstone 18½; medium granite 19.
Con VI " 29	B. Bolton	"	Dec. 8, 1953	5				"		Clay boulders 6; white limestone 15; blue limestone 37; pink limestone 48; brown limestone 62; soft granite 75; hard granite 87.
Con VI " 29	"	"	Dec. 12, 1953	5		45	20	Fresh	D	Dry hole.
Con VIII " 31	E. Miles	"	Jul. 19, 1954	5	½	27	10½	"	D	Clay boulders 5; limestone 50.
Con IX " 14	P. Vandenburg	"	Sep. 23, 1954	5	½	52	29	"	D	Red clay boulders 9; hard blue-grey granite 29½.
Con IX " 32	S. Milles	"	May 12, 1954	5	2½	15	1½	"	D	Dug well 17; grey limestone 58.
Con IX " 32	R.M. Parker	"	Aug. 4, 1954	5	1½	39	15	"	D	Red clay shale 8; red limestone 36.
Con X " 30	P. Kingsley	"	Jul. 26, 1954	5		74	6	"	D	Clay sand 8; grey-blue granite 49.
Ennismore Twp.										
Con II lot 5	B. Young	W. Sanderson	Jun. 18, 1954	6	3	14	6	Fresh	D	Red clay boulders 18½; pink limestone 28; light-blue rock 40; white limestone 76½.
Con III " 7	C.B. Young	"	Nov. 11, 1953	6½	30	10	6	"	D	Top soil 2; brown clay boulders 16; hard limestone 25.
Con V " 7	T. Harrington	"	Sep. 28, 1954	6½	2	81	21	"	D	Top soil 2; brown till 22; grey limestone 26.
Con V " 7	School S. #4	N.W. Faulkner	Nov. 4, 1954	6½	2½	91	20	"	P	Top soil 2; blue clay 10; dark-brown limestone 90.
Con VIII " 10	J. Duffus	W. Sanderson	Apr. 29, 1953	6	8	25	3	"	P	Top soil 1; grey clay stones 28; limestone 111.
Harvey Twp.										
Con VIII lot 10	E. Byers	P.A. McWeely	Jan. 4, 1953	5½	5	4	4	Fresh	D	Top soil 2; blue till 39; gravel 40.
Con VIII " 10	A. Cummings	"	Mar. 15, 1953	3½	8	34	18	"	C	Grey granite 37.
Con VIII " 10	J. Fawcett	L.B. Macdonald	Mar. 10, 1954	6	1	57	15	"	D	Grey granite 65.
Con VIII " 10	Trent Valley Waterways Stn.	P.A. McWeely	Jun. 14, 1954	5½	7	9	9	"	D	Sand 27; granite 57.
Con VIII " 11	F. Burkhardt	"	Jan. 14, 1953	5½	4	18	18	"	D	Stone boulders clay 9; granite 40.
Con VIII " 22	E. Guthrie	"	Jan. 24, 1953	5½	5	8	8	"	D	Red granite 2; greenish granite 64.
Con IX " 13	H. Windover	"	Jul. 28, 1954	5½	1½	7	5	"	D	Brownish clay 11; blue limestone 40.
Con XI " 10	"	"	Jul. 15, 1954	5½	1½	20	14	"	D	Granite 39.
Con XII " 8	H. Anderson	"	Jul. 31, 1953	5½	1½	8	8	"	P	Earth 14; grey limestone 64.
Con XIV " 2	J. Dane	N.W. Faulkner	Jun. 30, 1953	6½	5	6	5	"	D	Overburden 2; grey granite 22.
Con XIV " 17	A. Baker	C.D. Weaver	May 27, 1954	6	½	28	4	"	D	Till 8; limestone 13.
Con XVI " 17	T.G. Devitt	G. Hart & Sons	Feb. 16, 1953	5			8	"	D	Brown sandy soil 4; black granite 28.
Con XVIII " 8	C. Christman	"	Jun. 21, 1954	5	5	4	4	"	D	Top soil 2; sandstone 19; sand gravel 25.
Havelock	Bank of Toronto	A. Kennedy	Sep. 22, 1953	5		9	9	Fresh	P	Gravel boulders 16; limestone 25.
										Old well 9; gravel hardpan 18; yellow limestone 22.

PETERBOROUGH COUNTY-cont.

Havelock	W. Barton	A. Kennedy	Sep. 26, 1953	5		20	20	Fresh	D	Sand clay 20; yellow limestone 45.
Havelock	E. McMillan	"	Oct. 3, 1953	5	3	33	21	"	D	Old dug well 23; chalky gray limestone 44.
Havelock	H. Adley	"	Aug. 21, 1954	5	2	13	8	"	D	Sandy loam clay gravel 19; gray limestone 30 1/2.
Havelock	E. Sanderson	"	Sep. 1, 1954	5	5	15	11	"	D	Basement 6; sand clay boulders 29; shale 33.
Havelock	C. Pickard	"	Sep. 29, 1954	5	3	42	32	"	D	Sand gravel 22; limestone 50.
Havelock	R. Gratton	"	Dec. 2, 1954	5		135	21	"	D	Clay muck 8; gray limestone 135.
Hiawatha Indian Reserve	H. McQuarrie	Gallagher/Barton	Jan. 28, 1953	5	3	7	0	Fresh	D	Sand 20; gray clay 23; shale 27.
Lakefield	L. B. Macdonald	L. B. Macdonald	Feb. 15, 1953	6 1/2	8	40	7	Fresh	D	Sand 14; quicksand 18; hardpan 31; limestone 63.
Lakefield	E. Nickols	P. A. McNeely	Mar. 1, 1953	5 1/2	3	20	20	"	D	Clay 5; limestone 40.
Lakefield	H. Jessup	W. Sanderson	Mar. 6, 1953	6	5	25	20	"	D	Dug well 20; gray till 33; sandy gravel 35.
Lakefield	F. M. Irwin	"	Apr. 21, 1953	8	15	16	6	"	D	Top soil 2; blue clay 10; till 24; gravel 26.
Lakefield	V. Griffire	"	May 12, 1953	6	3	40	18	"	D	Old well 32; blue till gravel 52; rock.
Lakefield	S. Pul	N. N. Paulkner	Jul. 6, 1953	6 1/2	3	28	15	"	D	Till 8; limestone 30.
Lakefield	H. Harding	W. Sanderson	Feb. 26, 1954	6 1/2	18	25	12	Slight Sulphur	D	Top soil 2; brown clay stones 10; gray limestone 40; dark limestone 52.
Lakefield	E. Millage	"	May 15, 1954	6 1/2	5	30	6	Fresh	D	Top soil 2; brown clay stones 18; chalky limestone 40; dark limestone 43.
Lakefield	"	"	Oct. 27, 1954	8	35	13	12	Fresh	D	Top soil 2; blue clay stones 22; dark-brown limestone 25.
North Monaghan Twp.										
Con VII lot 1	W. Waterman	W. Sanderson	Nov. 4, 1953	6 1/2	24	18	12	Fresh	D, S	Old dug well 18; gray limestone 29.
Con X " 4	W. Skelhorn	N. N. Paulkner	Oct. 1, 1953	6 1/2	7	14	10	"	D	Till 19; gravel 21.
Con XI " 1	J. Anderson	"	Nov. 24, 1953	6 1/2	1	91	25	"	D	Top soil clay 2; gray hardpan boulders 93; gravel 96.
Con XI " 1	E. Loveday	"	Jul. 5, 1954	6 1/2	5	22	15	"	D	Dug well 10; brown sandy clay 33; gravel 36.
Con XI " 1	G. Bronson	"	Sep. 8, 1954	6	8	45	38	"	D	Top soil 2; small stones brown clay 36; blue clay sand 57; fine gravel 59.
Con XI " 1	J. Pollock	"	Sep. 14, 1954	6	17		42	"	D	Top soil 3; blue clay stones 48; blue clay sand 68; gravel 72.
Con XI " 1	W. Monette	A. Kennedy	Oct. 13, 1954	5	2	28	12	"	D	Clay boulders gravel sand 42.
Con XI " 1	A. Beauclaire	"	Oct. 21, 1954	5	3	21	10	"	D	Clay boulders sand gravel 36.
Con XI " 1	R. Bishop	"	Nov. 4, 1954	5	2	20	15	"	D	Clay boulders sand gravel 40.
Con XI " 1	R. Wilschaw	H. C. Gallagher	Nov. 27, 1954	5 1/2			22	"	D	Top soil 1; sand 15; light-gray clay 77.
Con XI " 4	A. Hongmaire	N. N. Paulkner	Jun. 10, 1953	6 1/2	3	34	15	"	D	Till 40; gravel 44.
Con XI " 4	J. Moore	"	Aug. 6, 1953	6 1/2	6	44	6	"	D	Till 62; gravel 64.
Con XI " 6	Anthony's Fruit Market	"	Jun. 8, 1953	6 1/2	8	143	131	"	C	Old well 10; gray clay hardpan stones 35; gray clay pebbles 70; gray clay 135; sandy gravel hardpan 143.
Con XI " 7	W. Lytle	"	Sep. 18, 1953	6 1/2	8	90	83	"	D	Till 60; sand 90; gravel 100.
Con XI " 7	J. Jeffery	"	Dec. 9, 1954	6 1/2	8	38	20	"	D	Top soil 2; sand 15; clay sand 55; gravel 58.
Con XI " 9	O. Morton	T. J. Curtis	Sep. 15, 1953	5 1/2			20	"	D	Hardpan boulders 36; white clay 60.
Con XII " 1	W. A. Marson	N. N. Paulkner	Feb. 12, 1953	6 1/2	8	40	10	"	D	Till 60; sand gravel 69.
Con XII " 7	A. Harrison	"	Mar. 28, 1953	6 1/2	13	46	25	"	D	Till 30; clay sand 60; sand gravel 66.
Con XII " 7	E. Hubble	W. Sanderson	Nov. 28, 1953	6 1/2	12	114	104	"	D	Sand 30; quicksand 90; blue clay 95; sand 104; sandy gravel 138; coarse gravel 140.
Con XII " 7	D. Gobeca	"	Aug. 11, 1954	6 1/2	8	60	40	"	D	Top soil 2; brown clay 15; blue clay boulders 45; blue clay layers of gravel 73; gravel 75.
Con XII " 8	J. P. Sharp	N. N. Paulkner	May 12, 1953	6 1/2	5	56	20	"	D	Till 65; gravel 68.
Con XII " 8	T. Henry	"	Apr. 7, 1954	6	5	62	14	"	D	Top soil 2; brown clay some small stones 42; blue clay some sand gravel 72.
Con XII " 10	N. DeCarlo	"	May 25, 1953	6	5	34	10	"	D	Till 46; gravel 48.
Con XII " 10	P. Bianco	"	Jul. 2, 1953	6 1/2	2 1/2	12	4	"	D	Till 20; gravel 22.
Con XIII " 8	Robbins/Rester	"	Jun. 23, 1953	6 1/2	13	64	57	"	D	Dug well 57; gravel 75.
Con XIII " 10	B. Scarlett	"	Mar. 24, 1953	6 1/2	8	43	20	"	D	Till 55; gravel 58.
Con XIII " 10	L. Harrison	"	May 22, 1953	6 1/2	8	72	20	"	D	Top soil brown clay 2; gray hardpan boulders 100; gravel 102.
Con XIII " 10	L. Mahood	Gallagher/Barton	Jun. 25, 1953	5	1 1/2	20	12	"	D	Black clay 1; gray clay pebbles 28 1/2.
Con XIII " 10	A. Watson	N. N. Paulkner	Nov. 5, 1953	6 1/2	5	30	8	"	D	Till 40; gravel 45.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>PETERBOROUGH COUNTY-</b>										
<b>cont. North Monaghan Twp. cont.</b>										
Con XIII lot 10	C.Krug	N.N.Paulkner	Mar.23,1954	6	8	55	55	Fresh	D	Top soil 2;clay small stones 40;some large stones clay 70; coarse sand fine gravel 72.
Con XIII " 10	A.Watson	"	Jun.10,1954	6	5	15	15	"	D	Top soil 2;sand gravel large stones 20;gravelly hardpan gravel 54.
Con XIII " 10	G.S.Wade	"	Nov. 1,1954	6	7	40	17	"	D	Dark top soil 1;fine gravel stones brown sand 13;blue hardpan some gravel 48;coarse gravel 50.
Con XIII " 10	W.Parson	W.Sanderson	Nov.18,1954	6½	12	30	6	"	D	Top soil 2;brown clay stone 15;blue clay 46;gravel 48.
Con XIII " 10	R.Hoad	"	Nov.23,1954	6½	12	30	10	"	D	Till 3;brown clay stones 20;blue clay 43;gravel 44.
Con XIII " 10	Lakeland Const.	"	Nov.27,1954	6½	12	25	3	"	D	Top soil 2;brown clay stones 15;blue clay 48;gravel 49.
<b>Otonabee Twp.</b>										
Con III lot 29	L.Dunford	A.Kennedy	Jun.19,1954	5	3	25	16	Fresh	D,S	Gravel boulders 18;grey limestone 37.
Con VI " 8	F.Austin	N.N.Paulkner	Jan.23,1954	6	7	17	16	"	D	Old well 17;stones gravel 29;hardpan gravel 60.
Con VI " 18	O.McNalley	A.Kennedy	May 18,1954	6	2½	38	7	"	D	Clay flat rock 5;blue and grey limestone 43½.
Con VI " 18	C.Kemp	"	May 20,1954	5	3	10	8	"	"	Clay shale limestone 3½;grey limestone 29½.
Con VII " 11	H.Stewart	N.N.Paulkner	Jan. 8,1954	6	8	15	10	"	S	Hardpan blue clay 37;shale rock 39.
Con VII " 13	H.McFee	"	Jan.28,1954	6	8	18	9	"	D	Hardpan stones 26;blue clay gravel 39.
Con VII " 13	School S.#4	"	Oct. 7,1954	8	10	43	6	"	P	Top soil 2;grey clay stones 46;limestone 63.
Con VII " 27	T.Lord	H.C.Gallagher	Aug.28,1953	6	1½	20	12	"	D	Dug well 12;fine sand 17;quicksand 22.
Con VIII " 9	R.Stewart	N.N.Paulkner	Jan. 6,1954	6	8	30	30	"	S	Gravelly hardpan 31;shale rock hardpan 55.
Con VIII " 11	H.Stillman	"	Jan.16,1954	6	8	57	25	"	S	Stones 12;gravelly hardpan 61;shale rock 74.
Con IX " 27	C.Lesack	"	May 27,1954	6	13	30	3	"	D	Top soil 1;gravelly blue hardpan stones 34;shale rock 36; blue limestone 54.
Con IX " 27	Vigor Oil Co.	"	Oct.28,1954	6½	13	28	10	"	C	Top soil 3;grey clay stones 35;gravel 38.
Con X " 27	N.Forsyth	"	Aug.12,1954	6	4	12	8	"	D	Top soil 2;blue clay some pebbles 44;blue clay gravel 46.
Con XI " 1	L.Tompkins	"	May 13,1954	6	3	8	4	"	D	Topsoil 2;clay pebbles 14;clay some sand 38;clay gravel 41.
Con XI " 24	E.G.Mills	W.Sanderson	Oct.11,1954	6½	18	30	2	"	D	Top soil 2;brown clay boulders 20;blue clay stones 25;gravel 57.
Con XI " 25	G.Caldwell	"	Oct.13,1954	6½	6	20	7	"	D	Top soil 2;blue clay 36;gravel 38.
Con XI " 31	W.Price	"	Sep.24,1953	6½	5	60	17	"	D,S	Old well 40;grey limestone 73.
Con XI " 32	D.Nickle	"	Nov.21,1953	6½	2½	30	14	"	D	Old well 20;blue till 53;layer of gravel rock 54.
Con XII " 1	J.Stuart	N.N.Paulkner	Jun.20,1954	6	3	12	6	"	D	Top soil 2;blue clay some small stones 32;blue clay gravel 42.
Con XIII " 12	A.Robinson	W.Sanderson	Feb. 1,1954	6½	2	80	20	"	D,S	Old well 32;blue clay big stones 85;layers of gravel top rock 86.
Con XIII " 25	School S.#16	N.N.Paulkner	Sep.24,1953	6½	8	80	20	"	P	Till 30;grey clay 90;gravel 96.
Con XIII " 25	E.Lowes	"	Nov.30,1953	6½	5	91	35	"	D	Dug well 35;grey hardpan 98;gravel 101.
Con XIII " 25	W.Curtis	"	Jun.15,1954	6	17	30	10	"	D	Top soil 1;sandy gravel 10;blue clay some large stones 84; fine gravel 86.
Con XIII " 26	J.Peel	"	Apr.10,1953	6½	3	23	10	"	D	Till 30;gravel 32.
Con XIII " 26	W.A.Harvey	"	Jun.12,1953	6½	3	23	10	"	D	Till 30;gravel 33.
Con XIII " 26	H.Davis	"	Jul.24,1954	6	4	110	12	"	D	Top soil 2;clay gravel shale rock 10;blue limestone 120.
Con XIII " 26	H.Corrigan	"	Aug.16,1954	6	6	101	42	"	D	Top soil 1;sandy gravel some clay 28;blue clay some gravel 112;shale rock gravel 115.
Con XIII " 26	R.Davis	"	Aug.18,1954	6	7	16	3	"	D	Top soil 2;gravel clay shale rock 18.
Con XIV " 23	G.R.Henry	"	Jun.24,1954	6	13	35	25	"	D	Top soil 2;clay some stones 42;clay some sand 68;coarse sand fine gravel 72.
Con XIV " 24	J.Mock	"	Feb.20,1953	6½	7	57	30	"	D	Top soil 1;grey clay hardpan boulders 70;gravel shale rock 72.
Peterborough	Silverwood Dairies Ltd.	N.N.Paulkner	Feb. 2,1953	10	150	29	12	Fresh	In	Till 29;gravel 50.
Peterborough	Campbell's Dairy Product	"	May 26,1953	10	42	20	12	"	In	Till 20;sand 40;gravel 50.



PETERBOROUGH COUNTY-cont.

Peterborough		W. Peconi	Gallagher/Barton	Jun. 13, 1953	5	2	14	11	Fresh	D	Brown clay 2; grey clay 24.
Peterborough		S. McDumott	L. Macdonald	Mar. 22, 1954	6	1 1/2	28	20	"	D	Clay hardpan 69.
Peterborough		L. Belanger	H. Gallagher	Sep. 14, 1954	5 1/2	1	18	9	"	D	Dug well 12; grey clay boulders 27; coarse sand 28.
Smith Twp.											
CRE	lot 2	F. J. Dunford	W. Sanderson	Jan. 8, 1953	6	17	15	2	Fresh	D	Fill 2; blue till 34; gravel 35.
CRE	" 2	J. Gallagher	Gallagher/Barton	Jan. 26, 1953	6	1 1/2	18	8	"	D	Brown clay boulders 19.
CRE	" 2	J. E. Holder	"	Feb. 4, 1953	5	2	14	8	"	D	Brown clay boulders 15; sand 18.
CRE	" 2	A. E. Johnston	N. N. Faulkner	Feb. 17, 1953	6 1/2	4	53	20	"	D	Dug well 20; clay sand 60; gravel 63.
CRE	" 2	J. G. Keay	"	Dec. 30, 1953	6 1/2	2 1/2	29	12	"	D	Dug well 12; till 37; gravel 39.
CRE	" 5	Vigor Oil Co.	"	Sep. 20, 1953	6 1/2	5 1/2	60	8	"	C	Till 60; gravel 70.
CRE	" 5	V. Fairbairn	H. C. Gallagher	Sep. 28, 1953	6			7	"	D	Dug well 9; grey clay 32; grey clay pebbles 34.
CRE	" 5	F. H. Cook	W. Sanderson	Oct. 1, 1954	6 1/2	30	30	7	"	D, C	Top soil 2; brown clay stones 20; blue clay 96; gravel 98.
CRE	" 12	D. Convers	"	May 4, 1953	6	4	30	8	"	D	Top soil 2; blue till 46; gravel 47.
CRE	" 12	H. M. Campbell	N. N. Faulkner	Sep. 3, 1953	6 1/2	8	30	4	"	D	Till 70; gravel 75.
CRE	" 12	J. Carre	W. Sanderson	Oct. 2, 1953	6 1/2	1 1/2	55	30	"	D	Fill 2; top soil 4; brown till boulders 30; blue till 61; gravel 62.
CRE	" 12	J. Howard	"	Nov. 7, 1953	6 1/2	3	35	22	"	D	Old well 25; blue till 40; grey limestone 45.
CRE	" 12	R. Clark	N. N. Faulkner	Nov. 18, 1953	6 1/2	5	36	3	"	D	Till 10; clay 45; gravel 48.
CRE	" 12	W. Givens	"	Sep. 30, 1954	6 1/2	6	35	12	"	D	Clay stones 10; grey clay stones 40; gravel 46.
CRW	" 2	A. Tucker	"	Jul. 31, 1953	6 1/2	3	43	20	"	D	Clay sand 50; gravel 53.
CRW	" 2	J. McCreery	W. Sanderson	Jan. 19, 1954	6 1/2	4	30	5	"	D	Top soil 2; blue clay big stones 30; putty blue clay 44; layers of gravel top rock 45.
CRW	" 2	S. G. Smith	N. N. Faulkner	Jan. 22, 1954	6 1/2	6	46	30	"	D	Top soil 2; brown clay boulders 20; grey clay 65; gravel 66.
CRW	" 5	P. A. Beatty	"	Jul. 3, 1954	6 1/2	5	33	20	"	D	Top soil 2; brown clay stones 12; grey clay stones 38; gravel 40.
CRW	" 6	B. E. Bell	"	May 14, 1953	6 1/2	1 1/2			Flows	D	Till 55; gravel 60.
CRW	" 12	J. A. Preston	"	Apr. 2, 1953	6 1/2	5	74	50	"	D	Sand 80; gravel 84.
CRW	" 12	A. J. Kuno	"	Apr. 20, 1953	6 1/2	5	300	76	"	D	Till 50; sand 70; till gravel 76; limestone 333.
CRW	" 12	H. A. Mitchel	"	Jun. 20, 1953	6 1/2	7	80	12	"	D	Till 13; limestone 113.
CRW	" 12	W. Rooney	"	Oct. 14, 1953	6 1/2	7	66	15	"	D	Till 10; sand 70; limestone 86.
Con I	" 11	Valley View Co-op.	W. Sanderson	May 18, 1954	6 1/2	3	60	46	"	D	Top soil 2; blue clay stones 61; layers of gravel top rock 62; dark limestone 72.
Con I	" 11	"	"	May 19, 1954	6 1/2	4	52	39	"	D	Top soil 2; brown clay stones 25; blue clay 61; gravel rock 62.
Con I	" 11	"	"	May 21, 1954	6 1/2	20	50	30	"	D	Top soil 2; brown clay 25; blue clay stones 77; gravel 78.
Con I	" 11	"	"	May 25, 1954	6 1/2	4	55	40	"	D	Top soil 2; brown clay 25; blue clay stones 28; dark limestone 65.
Con I	" 11	"	"	May 26, 1954	6 1/2	12	46	40	"	D	Top soil 2; brown clay stones 20; blue clay boulders 50; blue clay very stony 57; coarse gravel 58.
Con I	" 11	"	"	May 27, 1954	6 1/2	20	40	35	"	D	Top soil 2; brown clay stones 20; blue clay 35; coarse brown sand 45; blue clay 53; coarse gravel 54.
Con I	" 11	"	"	May 29, 1954	6 1/2	12		43	"	D	Top soil 2; brown clay big stones 30; blue clay boulders 65; gravel 66.
Con I	" 11	"	"	Jun. 1, 1954	6 1/2	20	50	38	"	D	Top soil 2; brown clay stones 25; blue clay boulders 45; soft blue clay 63; gravel 64.
Con I	" 11	"	"	Jun. 2, 1954	6 1/2	8	50	36	"	D	Top soil 2; brown clay stones 25; blue clay boulders 59; gravel 60.
Con I	" 11	"	"	Jun. 3, 1954	6 1/2	18	49	35	"	D	Top soil 2; brown clay stones 25; blue clay boulders 60; gravel 61.
Con I	" 11	"	"	Jun. 6, 1954	6 1/2	8	54	39	"	D	Top soil 2; brown clay stones 30; blue clay boulders 67; gravel 68.
Con I	" 11	"	"	Jun. 8, 1954	6 1/2	12	40	30	"	D	Top soil 2; brown clay stones 30; blue clay boulders 54; gravel 55.
Con I	" 11	B. Cressman	"	Jun. 21, 1954	6 1/2	12	40	20	"	D	Dark top soil 3; brown clay stones 20; blue clay boulders 51; gravel 53.
Con I	" 11	Valley View Co-op.	"	Jun. 21, 1954	6 1/2	12	70	42	"	D	Top soil 2; brown clay stones 25; blue clay boulders 54; dark limestone 83.
Con I	" 11	"	"	Jun. 21, 1954	6 1/2	5	67	46	"	D	Top soil 2; brown clay stones 30; blue clay boulders 61; limestone 77.
Con I	" 11	"	"	Jun. 22, 1954	6 1/2	15	55	48	"	D	Top soil 2; brown clay stones 25; blue clay boulders 62; limestone 69.
Con I	" 11	"	"	Jun. 25, 1954	6 1/2	5	56	47	"	D	Top soil 2; brown clay stones 28; blue clay boulders 67; gravel 68.
Con I	" 11	"	"	Jun. 28, 1954	6 1/2	7	54	49	"	D	Top soil 2; brown clay stones 25; blue clay boulders 65; gravel 66.
Con I	" 11	"	"	Jun. 30, 1954	6 1/2	8	43	36	"	D	Top soil 2; brown clay stones 25; blue clay boulders 52; gravel 53.
Con I	" 11	"	"	Jul. 1, 1954	6 1/2	12	58	40	"	D	Top soil 2; brown clay stones 28; blue clay boulders 68; gravel 70.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PETERBOROUGH COUNTY-cont.										
Smith Twp. cont.										
Con I	lot 11	Valley View Co-op.	Jul. 6, 1954	6½	6	59	47	Fresh	D	Top soil 2; brown clay stones 30; blue clay boulders 70; gravel 72.
Con I	" 11	"	Jul. 8, 1954	6½	6	50	42	"	D	Top soil 2; brown hardpan 26; blue clay boulders 58; gravel 60.
Con I	" 11	"	Jul. 9, 1954	6½	6	56	45	"	D	Top soil 2; brown clay stones 25; blue clay boulders 65; gravel 68.
Con I	" 11	"	Jul. 12, 1954	6½	9	48	34	"	D	Top soil 2; brown hardpan 30; blue clay stones 60; gravel 61.
Con I	" 11	"	Jul. 14, 1954	6½	5	50	35	"	D	Top soil 2; brown clay 27; blue clay stones 60; gravel 61.
Con I	" 11	"	Jul. 16, 1954	6½	20	42	30	"	D	Top soil 2; brown clay boulders 24; blue clay boulders 56; gravel 58.
Con I	" 11	"	Jul. 17, 1954	6½	12	50	39	"	D	Top soil 2; brown clay boulders 28; blue clay 57; gravel 59.
Con I	" 11	"	Jul. 19, 1954	6½	18	40	39	"	D	Top soil 2; brown hardpan 20; blue clay 39; coarse sand 50; gravel 52.
Con I	" 11	"	Jul. 20, 1954	6½	18	42	40	"	D	Top soil 2; brown hardpan 20; blue clay boulders 40; coarse sand 52; gravel 54.
Con III	" 2	M. Moncrief	Dec. 18, 1953	6½	13	66	66	"	D, S	Top soil 1; grey hardpan boulders 75; gravel 77.
Con III	" 16	R. Fowler	Dec. 4, 1953	6½	12	80	37	"	D, S	Old well 55; blue till 97; sandy gravel.
Con III	" 17	R.A. Brooks	Sep. 22, 1953	4	1	21	5	"	D	Dug well 4; grey clay boulders 24.
Con III	" 21	Vigor Oil Co.	Nov. 14, 1954	5½	7	20	20	"	C	Dark loam 5; hardpan 20; shale 25; grey limestone 78.
Con IV	" 22	J. Paisley	Feb. 11, 1953	6	7	45	22	"	D	Till 50; gravel 55.
Con IV	" 22	J. Moore	Jul. 29, 1953	6	2	29	29	"	D	Brown clay 6; shale 8; grey limestone 72½.
Con IV	" 22	"	Aug. 14, 1953	6				"	D	Brown clay 7; shale 9; grey limestone 51. Dry hole.
Con IV	" 22	G. Phillips	Aug. 20, 1953	5	1	58	23	Fresh	D	Brown clay 5; grey clay 20; shale 27; grey limestone 73½.
Con IV	" 22	S. Giles	Sep. 4, 1953	6	1½	13	3	"	D	Brown clay 2; grey clay boulders 15.
Con IV	" 22	M. Peconi	Oct. 1, 1953	6	1½	5	3	"	In	Gravel fill 2; grey clay boulders 10; coarse sand 12.
Con V	" 8	R. English	Nov. 30, 1953	6½	18	42	30	"	D, S	Old well 44; blue till 55; gravel 56.
Con V	" 21	G. Frude	Aug. 15, 1953	5½	3	20	20	"	D	Overburden 3; bedrock 76.
Con V	" 23	O. Shewfelt	Sep. 11, 1953	8	1½	20	4	"	D	Till 6; limestone 30.
Con VI	" 15	H. Peters	Jun. 26, 1953	6½	7	42	25	"	D, S	Till 48; gravel 52.
Con VI	" 21	E. N. Mahood	Oct. 14, 1953	6	2	12	12	"	D	Black top soil 1; grey clay boulders 12; coarse sand 17; hard blue clay 30.
Con VI	" 25	A. Wagstaff	Jun. 20, 1953	6½	1½	18	10	"	D	Till 16; gravel 26.
Con VI	" 25	J. Cowling	Jul. 7, 1954	6	10	24	8	"	D	Brown clay stones 20; blue clay 30; dark limestone 34.
Con VI	" 25	S. Young	Oct. 22, 1954	6½	30	15	3	"	D	Dug well 7; blue clay 34; gravel 35.
Con VI	" 27	J. Burns	Aug. 26, 1953	5½	3	32	14	"	D	Overburden 6; bedrock 66.
Con VII	" 12	H. Nicholls	Feb. 26, 1953	6				Flows	D	Top soil 2; blue till 39; gravel 40.
Con VII	" 12	A. T. Nicholls	Aug. 27, 1953	6½	5	40	4	"	D	Top soil 2; blue till 52; grey limestone 60.
Con VII	" 12	M. Hutchinson	Jun. 24, 1954	6				Flows	D	Dark top soil 2; brown clay stones 15; blue clay 26; gravel.
Con VII	" 12	W. Judge	Sep. 21, 1954	6½				"	D	Dug well 4; brown clay stones 20; blue clay stones 50; coarse gravel some clay 63; gravel 64.
Con VII	" 12	R. Stanlick	Dec. 1, 1954	6½	18	20	1	"	D	Fill 2; brown clay stones 20; blue clay some boulders 68; gravel 69.
Con VII	" 12	R. Cowan	Dec. 16, 1954	6½	30	15	4	"	D	Top soil 2; brown clay boulders 30; blue clay 51; gravel 52.
Con VII	" 26	E. Moore	Sep. 7, 1953	6½	8	27	10	"	D	Till 40; gravel 42.
Con VII	" 26	C. Manning	Oct. 19, 1953	6	1½	24	13	"	D	Brown clay 10; shale 14; grey limestone 27.
Con VII	" 26	W. Bucknel	Oct. 24, 1953	6	1½	29	15	"	D	Brown clay 9; shale 13; grey limestone 32½.
Con VII	" 26	R. Quinlan	Nov. 8, 1953	6½	5	40	20	"	D	Till 45; gravel 47.
Con VII	" 27	J. Stacey	Aug. 29, 1953	5½	3	20	5	"	D	Overburden 6; limestone 50.
Con VIII	" 13	A. B. Collis	Jul. 28, 1954	6½	6	29	15	"	D	Top soil 2; clay stones 30; sand gravel 49.
Con VIII	" 15	H. Nichols	Jul. 8, 1953	5	1½	37	34	"	D	Dug well 23; grey clay 40.
Con VIII	" 24	Peterborough County Home	Dec. 7, 1953	6½	17	50	30	"	S	Dug well 17; limestone 73.
Con VIII	" 24	"	Dec. 14, 1953	6½	17	50	20	"	D	Dug well 20; limestone 90.
Con VIII	" 25	J. R. Hamilton	Nov. 10, 1953	6½	17	20	8	"	D	Till 2; limestone 40.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PRESCOTT COUNTY-cont.										
L'Original	A.De'Haitre	C.Lecuyer	Nov.12,1953	6	15	30	30	Fresh	D	Dug well 21;hardpan 30;limestone 65.
L'Original	G.Lever	"	Nov.21,1953	5			12	"	D	Dug well 15;hardpan 20;limestone 38.
L'Original	J.Huneault	"	Nov.30,1953	5			31	"	D	Clay 50;hardpan 58;gravel 63.
L'Original	A.Hotte	"	Dec.18,1953	5				"	D	Clay 62;hardpan 80;quicksand 102;sand gravel 148. Dry hole.
L'Original	Grey Nuns	"	Mar.12,1954	5	10	40	35	"	D	Dug well 32;hardpan 43;sand gravel 45;shale 65.
L'Original	D.Parisien	"	Mar.25,1954	5	10	45	45	"	D	Dug well 33;hardpan 48;shale 65.
L'Original	F.Dallaire	"	Apr.22,1954	5	7	23	17	"	D	Dug well 15;gravel 19;shale 43.
L'Original	H.Brabant	"	May 5,1954	5	10	20	15	"	D	Clay 10;hardpan 20;shale 38.
L'Original	C.Bertrand	"	May 20,1954	5	10	20	15	"	D	Hardpan 8;shale 20;limestone 50.
L'Original	A.Paquette	"	Sep.12,1954	5	7	20	16	"	D	Red clay 10;hardpan 30;shale 46.
L'Original	Woods & Woods	"	Oct. 2,1954	5	10	20	15	"	D	Clay 15;hardpan 30;shale 44.
South Plantagenet Twp.										
Con XIII lot 5	C.Gadwa	A.Bourdon	Dec.15,1954	1						Sand 12;blue clay 175. Dry hole.
Con XVI " 16	C.Parent	M.Leduc	Aug. 1,1953	4	5	30	12	Sulphur	D,S	Blue clay 100;hardpan 114;rock 116.
Con XVII " 15	F.Rouleau	A.Bourdon	Dec. 9,1954	1	3	18	16	"	D	Sand 3;blue clay 41.
Con XVIII " 15	"	"	Dec. 9,1954	1	2 1/2	18	12	Fresh	D	Sand 1;blue clay 41.
Con XVIII " 5	L.Bourgon	"	Apr.10,1954	1	5	14	12	"	D	Grey clay 2;blue clay 92.
Con XVIII " 6	L.Parent	"	Oct.12,1954	1 1/2				"	D	Red and blue clay 150. Dry hole.
Con XVIII " 11	H.Denis	"	Jul.10,1954	1	4	18	16	"	D	Red clay 16;blue clay 54.
Con XVIII " 11	R.Quesnel	"	Dec.10,1954	1	3	28	26	"	D,S	Red clay 34.
Con XVIII " 13	H.Campeau	"	Jul.19,1954	1	5	18	16	"	D	Red clay 12;blue clay 56.
Con XIX " 11	R.Bourdon	"	Aug. 4,1954	1	5	12	9	"	D	Red clay 21.
Vankleek Hill										
	S.Silverky	C.Lecuyer	Sep. 3,1954	5	3	45	25	Fresh	D	Gravel 6;sand 40;hardpan 50;gravel 55.
West Hawkesbury Twp.										
Con I lot 7	H/D Cameron	B.Campbell	Jun.25,1954	5	6	15	10	Fresh	D,S	Gravel 7;limestone 119.
Con I " 14	J.Maisonneuve	C.Lecuyer	Dec. 3,1953	5	10	15	12	"	D	Clay 45;hardpan 65;gravel 74;coarse gravel 85.
Con III " 10	G.Seguin	"	Apr.30,1954	5	7	30	30	"	D	Dug well 22;quicksand 28;sand gravel 39;sandstone 53.
PRINCE EDWARD COUNTY										
Ameliasburgh Twp.										
Con I lot 55	C.Bennion	B.Smiley	May 17,1954	6						Till 1;shale 3;limestone 70. Dry hole.
Con I " 58	A.Valleau	L.McClennon	Mar.17,1954	6						Grey limestone 80. Dry hole.
Con I " 59	B.Gerow	B.Smiley	Jun.22,1953	6	40	20	3	Fresh	D	Till 4;limestone 20.
Con I " 60	C.Wawra	"	Jun.20,1953	6						Till 2;limestone 116. Dry hole.
Con I " 60	J.D.Heaven	"	Jun.24,1953	6			10	Salt	D	Till 2;limestone 35.
Con I " 60	J.E.Madill	"	Jul. 8,1953	6						Till 1;limestone 59. Dry hole.
Con I " 60	C.Lambert	C.J.Fraser	Sep.12,1953	6						Till 2;limestone 100. Dry hole.
Con I " 62	R.Sprackett	B.Smiley	Jul. 3,1953	6	40	35	9	Fresh	D	Till 2;limestone 35.
Con I " 62	D.Herrington	L.McClennon	May 25,1954	6	1/2	55	10	"	D	Clay gravel 11;limestone 55.
Con I " 67	D.Knowlton	B.Smiley	Jun.16,1953	6			12	Slight Sulphur	D	Till 12;limestone 78.
Con I " 70	E.Teney	"	Jul. 1,1953	6	40	50	24	Fresh	D	Till 14;limestone 68.
Con I " 78	R.Lapham	G.H.Chalk Jr.	Apr. 5,1954	6	19	55	6	Slight Sulphur	D	Clay 6;grey limestone 55.
Con I " 78	"	"	Sep.29,1954	6	4	35	17	Fresh	D	Clay 6;grey limestone 35.
Con I " 83	J.McKenzie	McMillan/Gartley	Sep.16,1953	6	1	34	10	"	D	Clay boulders 10;brown clay hardpan 30;gravel 38.
Con I " 100	L.Lockwood	H.Bolston	Jul.21,1953	6	12	14	9	"	D	Till 16;grey limestone 40.
Con I " 102	C.H.Ewing	A.Kennedy	Jul.16,1953	5		100	36	"	D	Shale limestone 4;limestone 100.
Con II " 54	D.Wallbridge	L.McClennon	Feb.12,1954	6	13	23	8	"	S	Clay shale 6;grey limestone 70.
Con III " 81	J.Stevenson	"	Oct.28,1953	6				"		Clay shale 5;limestone 70. Dry hole.
Con III " 82	W.V.Knox	G.H.Chalk Jr.	Oct. 4,1954	6	3	50	8	"	S	Gravel 1;grey limestone 50.

PRINCE EDWARD COUNTY-cont.

Athol Twp. cont.									
ELNS	lot 11	S. Young	H. Rolston	Aug. 5, 1954	6	12	14	8	Fresh
ELNS	" 12	A. Mann	"	Jul. 5, 1954	6	12	40	28	"
ELSS Con I	" 1	H. Martin	"	Jul. 29, 1954	6	12	40	35	"
ELSS Con I	" 2	E. Brummell	"	May 29, 1953	6	12	28	21	"
ELSS Con I	" 2	M. Flake	"	Jun. 8, 1953	6	12	26	22	"
ELSS Con I	" 9	W. Stelmack	"	Jun. 30, 1954	6	12	13	9	"
ELSS Con I	" 11	L. Penamora	"	Jun. 20, 1953	6	12	35	7	Sulphur
ELSS Con I	" 11	M. Monroe	"	Jun. 23, 1954	6	12	23	19	Fresh
ELSS Con I	" 17	C. Vader	"	Oct. 10, 1953	6	12	55	29	"
ELSS Con I	" 24	G. Walseley	"	Jun. 18, 1954	6	12	35	14	"
ELSS Con II	" 6	J. Haggerty	"	Jun. 8, 1954	6	12	50	21	"
ELSS Con II	" 17	D. Brooks	"	Oct. 14, 1953	6	12	30	24	"
Bloomfield		W. Prenzen	H. Rolston	Jun. 23, 1953	6	12	20	10	Fresh
Bloomfield		J. Jackson	"	Nov. 18, 1953	6	12	25	25	"
Bloomfield		H. Leavens	"	Dec. 15, 1953	6	12	26	21	"
Bloomfield		A. Hennerly	"	Aug. 30, 1954	6	12	31	13	"
Hallowell Twp.									
Block B		School S. #3	H. Rolston	Oct. 2, 1954	6	12	18	8	Fresh
CPNW Con II lot	4	M. C. Flake	"	Dec. 31, 1953	6	12	40	11	"
CPSE Con I	" 2	R. Wood	"	Oct. 7, 1954	6	12	40	17	"
CPSE Con I	" 18	J. Hartwick	"	Oct. 28, 1954	6	12	65	14	"
CPSE Con I	" 21	J. Bond	"	Jul. 6, 1953	6	12	60	22	"
CPSE Con I	" 21	G. Kearney	"	May 27, 1954	6	12	60	22	Sulphur
Con II prod.	" 75	R. Byrd	L. McClennon	Oct. 16, 1953	6	12	60	22	"
Con II	" 75	"	"	Oct. 19, 1953	6	12	60	22	"
Gore K		L. Pearsall	H. Rolston	Jul. 17, 1954	6	12	16	13	Fresh
Gore K		P. Stafford	"	Jun. 12, 1954	6	12	60	14	"
HAE Gore		P. B. Anderson	L. McClennon	Sep. 3, 1953	6	12	56	16	"
MT Con III	" 8	P. Hennessey	H. Rolston	Jul. 13, 1953	6	12	50	8	"
MT Con III	" 9	C. Harrington	"	Jul. 20, 1954	6	12	45	15	"
MT Con III	" 9	C. Willson	"	Jul. 24, 1954	6	12	60	27	Mineral
MT Con III	" 22	L. Vanhecke	L. McClennon	Dec. 9, 1953	6	12	40	30	Fresh
WL SS	" 9	P. Jackson	"	Feb. 5, 1954	6	12	60	15	"
Hillier Twp.									
Con I	lot 13	J. McMahon	L. McClennon	Aug. 20, 1954	6	15	5	3	Fresh
Con II	" 21	M. Conley	"	Sep. 14, 1953	6	1	79	18	Salt
Con III	" 29	D. Alyea	"	Sep. 23, 1953	6	1	79	18	"
Con III	" 9	J. Closson	"	Oct. 23, 1953	6	1	80	45	Fresh
Con III	" 12	C. Panfing	"	Dec. 28, 1953	6	3	40	30	"
Con III	" 15	R. Benway	"	Aug. 13, 1954	6	1	40	30	"
Con III	" 21	J. Taylor	"	Nov. 4, 1953	7	1	40	30	"
Con III	" 21	"	"	Aug. 21, 1954	6	13	19	13	Fresh
Con III	" 33	T. Ould	"	Sep. 12, 1954	6	5	15	8	"
Con V	" 74	School	"	Nov. 2, 1953	6	1	70	40	"
Con V	" 98	L. Hicks	"	Sep. 7, 1953	6	1	40	9	"
Con V	" 98	H. McNish	"	Sep. 9, 1953	6	1	40	9	"
S.B.	" 1	A. Johnston	"	Aug. 1, 1953	6	1	40	9	"
S.B.	" 2	S. Forsythe	"	Aug. 14, 1953	6	40	11	11	"
S.B.	" 7	A. Stinson	"	Jul. 28, 1953	6	1	78	20	"
S.B.	" 17	S. Danford	"	Jul. 18, 1953	6	1	20	2	"
North Marysburgh Twp.									
BQS Con I lot	4	R. Nourse	H. Rolston	May 22, 1954	6	12	16	8	Fresh
BQS Con I	" 6	W. Ivey	L. McClennon	Dec. 17, 1953	6	12	16	8	"

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PRINCE EDWARD COUNTY-cont.										
Sophiasburgh Twp.										
B.I. lot 2	E.A. Edward	H. Rolston	Aug. 4, 1953	6	12	40	21	Fresh	D	Silt 12; grey limestone 45.
B.I. " 4	N. Kerr	"	Aug. 6, 1953	6	12	16	12	"	S	Silt 11; grey limestone 40.
B.I. " 45	J. Chiles	"	Jul. 30, 1953	6	12	15	10	"	D	Gravel 15; grey limestone 30.
GP SW Con I " 12	Bethlehem Steel	"	Feb. 20, 1953	6						Limestone gravel 9; grey limestone 75. Dry hole.
GPW Con I " 51	E. Purstelle	G.H. Chalk Jr.	Dec. 10, 1953	6	2	60	11	"	S	Clay 8; grey limestone 60.
GPW Con I " 53	S. White	"	Nov. 28, 1953	6						Clay 4; blue limestone 100. Dry hole.
GPW Con II " 46	R. Richards	"	Dec. 4, 1953	6	22	45	40	"	S	Clay 2; limestone 30; sand 33; soft limestone 45; grey limestone 60.
GPW Con III " 46	J. Ottenoff	H. Rolston	Jul. 22, 1953	6	12	21	11	"	D	Limestone gravel 12; grey limestone 35.
South Marysburgh Twp										
BRS Con I lot 19	G. Ackerman	H. Rolston	Oct. 22, 1954	6	12	21	6	Fresh	S	Limestone gravel 13; grey limestone 35.
BRS Con I " 23	R. Murphy	"	Nov. 15, 1953	6						Clay 4; grey limestone 40. Dry hole.
BRS Con I " 23	"	"	Sep. 25, 1953	6	12	40	35	"	S	Clay 4; limestone 40.
BRS Con I " 24	B. Head	"	Oct. 1, 1953	6	12	30	15	"	S	Silt 8; grey limestone 45.
BRS Con I " 28	L. Jenkins	"	Aug. 20, 1954	6	12	50	12	"	S	Limestone gravel 4; grey limestone 50.
BRS Con I " 30	H. Miller	"	Oct. 7, 1953	6						Clay 7; grey limestone 50. Dry hole.
Wellington	M. Robson	L. McClennon	Jul. 13, 1953	6	50	20	10	Fresh	D	Clay loam 5; grey limestone 65.
Wellington	J. Mandeville	"	Jul. 23, 1953	6						Clay gravel 3; grey limestone 87. Dry hole.
Wellington	Dart/Goodchild	H. Rolston	Aug. 25, 1954	6	12	32	8	"	D	Limestone gravel 8; grey limestone 45.
RENFREW COUNTY.										
Admaston Twp.										
B.R. lot 16	R. Carswell	Valley Drilling	Apr. 24, 1953	2	3	30	10	Fresh	D, S	Old well 22; red granite 273.
Con I " 10	L. Anderson	"	May 18, 1954	2	5	25	15	"	D	Black granite 200.
Con III " 8	E. Gutz	"	May 14, 1953	2	1		Flows	"	D, S	Brown clay 6; red granite 150; black granite 200.
Con V " 18	M. Gibbon	"	May 6, 1953	2	1	20	5	"	C, P	Brown clay 22; red granite 110; black granite 190.
Con V " 30	M. Dick	J.B. Dufresne	Feb. 17, 1953	3	2	30	10	"	D, S	Clay 10; gravel 14; red granite 150.
Arnprior	Scheel Bros.	J.B. Dufresne	Oct. 23, 1953	3	3	15	5	Fresh	D	Clay 10; limestone 108.
Arnprior	C. Taber	W. Nugent	Dec. 11, 1953	6	15	30	24	"	D	Blue clay 22; limestone 76.
Arnprior	A. Dunn	"	Dec. 17, 1953	6	18	23	18	"	D	Blue clay 24; limestone 92.
Arnprior	L. McMillan	"	Jan. 24, 1954	6 1/2	30	25	13	"	D	Clay loam 45; coarse gravel 47.
Arnprior	E. Michilson	J.B. Dufresne	Apr. 13, 1954	3		24	12	"	D	Clay 20; grey limestone 68.
Arnprior	R. Reid	W. Nugent	Jun. 4, 1954	6 1/2	20	50	29	"	D	Red sand 7; limestone 107.
Arnprior	E. Holerlin	"	Jun. 12, 1954	6 1/2	30	29	22	"	D	Red sand 10; limestone 94.
Arnprior	F. Lentz	"	Jun. 17, 1954	6 1/2	30	24	18	"	D	Fine red sand 20; limestone 50.
Arnprior	L. Brandymore	"	Jun. 25, 1954	6 1/2	20	35	19	"	D	Sandy loam 20; limestone 68.
Arnprior	A. Vogg	J.B. Dufresne	Sep. 10, 1954	2	10	40	27	"	D	Clay 21; granite 69.
Barry's Bay	R. Conway	Marquardt & Son	Apr. 23, 1953	5	5	138	79	Fresh	D	Old well 16; grey granite 149.
Barry's Bay	W. Hoffman	"	Apr. 28, 1953	5	5	25	19	"	In	Pine grey sand silt 61; gravel 63.
Barry's Bay	"	"	Apr. 28, 1953	5	5	32	30	"	In	Silt 61; gravel 63.
Barry's Bay	M. Mintha	"	May 4, 1953	5	5	3	2	"	D	Sand 4; gravel 6; grey granite 30.
Blithfield Twp.										
Con XIII lot 9	G. Stoughton	A. Stanton	Oct. 29, 1953	5	2 1/2	40	6	Fresh	D	Shale 13; grey limestone 45.
Bromley Twp.										
B.R. lot 41	B. Dick	J.B. Dufresne	Feb. 15, 1953	3	1 1/2	30	15	Fresh	D, S	Clay 27; red granite 198.
Con IV " 30	H. Ready	Valley Drilling	Apr. 30, 1954	2	3	15	10	"	S	Old well 38; limestone 122.
Con VIII " 4	W. Donahow	J.B. Dufresne	Mar. 7, 1953	2						Previously drilled 90; grey and red granite 248. Dry hole.
Con VIII " 4	"	"	Mar. 12, 1954	2			Flows	"	D	Clay 40; granite 60.
Con VIII " 10	F. Cull	C. Dufresne	Oct. 6, 1954	2	5	42	32	"	D	Sand gravel 19; limestone 110.

RENFREW COUNTY-cont.

Brudenell Twp.											
Con XI	lot 3	School S.#1	V.Marquardt	Mar.11,1954	5	5	60	40	Fresh	P	Sand 80;gravel 81.
ORN RB	" 232	School S.#3	"	Jun.30,1954	5	7	5	4	"	P	Brown soil 7;quicksand 29;coarse gravel 31.
ORS RB	" 285	School S.#2	Valley Drilling	Jun. 6,1953	2	8	12	9	"	P	Boulders sand 21;limestone 75.
Cobden		F.Turcotte	J.B.Dufresne	Oct.13,1953	2	1 1/2	18	15	Fresh	D	Granite 123.
Eganville		GraceLutheran Church	Valley Drilling	Feb.12,1953	5	4	60	40	Fresh	D	Clay 7;white limestone 177.
Eganville		G.Biruun	V.Marquardt	Mar.14,1953	5	5	30	17	"	D	Gray limestone 47.
Eganville		School	Valley Drilling	Mar.17,1953	5	5	50	30	"	P	Sand gravel boulders 90;blue limestone 137.
Eganville		Reinke & Sons	"	Mar.20,1953	5	2	69	3	"	D	Clay 3;blue limestone 69.
Eganville		E.Binn	"	Mar.23,1953	5	4 1/2	25	12	"	D	Clay boulders 6;grey-blue limestone 85.
Eganville		O.Reinke	"	Mar.31,1953	4	2 1/2	74	18	"	D	Sandy loam boulders 29;very hard blue limestone 74.
Eganville		"	"	Sep.29,1953	6	3	28	21	"	D	Till 4;red granite 80.
Grattan Twp.											
Con XXI	lot 20	C.Bishav	V.Marquardt	May 27,1954	4	5	85	20	Fresh	D	Brown soil 9 1/2;limestone 116 1/2.
ORS RD	" 36	Ont.Dept.Lands & Forests	A.Stanton	Jan.30,1954	5	2 1/2	70	12	"	P	Loam stone 20;coarse gravel 77.
Hagarty Twp.											
Con VI	lot 7	T.Ryan	V.Marquardt	Feb.20,1954	4	5	50	14	Fresh	D	Old well 15;dark heavy granite 61.
Horton Twp.											
Con I	lot 1	J.Russel	Valley Drilling	Jun. 4,1954	4	5	50	9	Fresh	P	Sand hardpan 28;hard red granite 335.
Con I	" 17	Ottawa Valley Amusement Co.	A.Stanton	Jun.15,1954	5	7 1/2	120	40	"	D	Clay 170;fine sand 215;coarse gravel 224.
Con II	" 4	J.McLaren	"	Apr.21,1953	5	8	21	10	"	D	Sandstone 7;grey limestone 49;white limestone 53;grey and white limestone 73.
Con VII	" 21	I.Wall	"	Feb.17,1954	5	8	20	14 1/2	"	D	Blue clay 21;white limestone 113 1/2.
Con VIII	" 3	M.Storie	J.B.Dufresne	Sep.29,1953	4	3	75	68	"	D	Clay 250;grey limestone 320;granite.
Con IX	" 3	S.McMillan	"	Oct.15,1953	3	2	65	18	"	D	Clay 18;red granite 224.
Con IX	" 5	I.Lindsay	A.Stanton	Aug.24,1953	5	5	26	24	"	D	Shale 15;soft grey limestone 97;white limestone 114.
Killaloe Station											
Killaloe Station		VillageTheater	V.Marquardt	Feb.10,1954	4	5	10	5	Fresh	D	Hardpan 17;grey granite 35.
		W.Rocke	"	May 9,1954	4	6	70	5	"	D	Brown soil 2 1/2;blue granite 85.
Lyndoch Twp.											
Con II	lot 31	E.Kellen	V.Marquardt & Son	Jun. 3,1953	5	5	10	10	Fresh	D	Brown soil 5;dark-grey rock 21.
Con XIII	" 22	School S.#6	"	Jul.15,1953	5	5	20	15	"	P	Brown soil 5;hardpan 35.
Con XIII	" 24	Pentecostal Church	"	Jan.20,1953	5	5		11	"	D	Hardpan boulders 22;grey granite 28;very dark soft rock 29; blue granite 35.
Con XIV	" 23	Keller/Beaudeie	"	Jun.14,1953	5	5		12	"	D	Hardpan boulders 13 1/2;dark-grey rock 36 1/2.
McNab Twp.											
Con A	lot 4	A.Lenser	A.Stanton	Jan.10,1953	5	5	12	8	Fresh	P	Loam stone 6;hard grey limestone 40;soft grey limestone 105.
Con A	" 4	Ottawa Valley Amusement Co.	"	Mar. 4,1954	5	25	3	3	"	C	Clay 30;white limestone 123.
Con B	" 3	M.MacIntyre	W.Nugent	May 12,1953	6	12	23	23	"	D	Sand 17;limestone 40.
Con B	" 6	E.Prefasi	A.Stanton	Jul.23,1953	5	5	20	12	"	D	Shale rock 9;light-grey limestone 40;dark-grey limestone 54.
Con B	" 6	T.H.Riley	J.B.Dufresne	Apr.10,1954	3	7	15	4	"	D	Clay 30;grey limestone 78.
Con B	" 19	C.Phillips	A.Stanton	Jul. 2,1954	5	1 1/2	60	18	"	D	Hard grey limestone 90.
Con D	" 2	C.Powell	W.Nugent	May 16,1953	6	1 1/2	44	14	"	D	Blue clay 8;limestone 44.
Con III	" 6	St.Andrew's Church Manse	A.Stanton	Jul.30,1953	5	6	30	15	"	P	Loam stones 25;reddish-grey limestone 61.
Con IV	" 4	A.Barrie	Valley Drilling	Feb.26,1954	3	7	20	14	"	D	Sand 18;blue limestone 64.
Con IV	" 6	J.Cunningham	W.Nugent	Apr.29,1954	6	20	35	25	"	D	Soft limestone shale 20;hard white limestone 50.
Con IV	" 7	S.Cunningham	"	Apr.23,1954	6 1/2	30	17	12	"	D	Clay loam 35;coarse gravel 36.
Con IX	" 25	J.McGregor	J.B.Dufresne	Oct. 9,1953	3	4 1/2	65	45	"	D	Clay 30;granite 155.
Con X	" 12	R.Coreau	"	Apr.19,1954	2	5	24	15	"	D	Gravel boulders 8;white limestone 80.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
RENFREW COUNTY-cont.										
McNab Twp. cont.										
Con XI lot 19	School	J.B.Dufresne	Sep.10,1953	4	7	10	6	Sulphur	F	Previously drilled 160;limestone 173.
Con XII " 8	C.Weiman	Valley Drilling	Jun.24,1953	2	6	15	6	Fresh	D	Blue clay 6;limestone 90.
North Algona Twp.										
Con I lot 3	W.Kirby	V.Marquardt	Dec.31,1953	4	5	16	14½	Fresh	D	Old well 12½;grey rock 22½;red country rock 32½;grey country rock 40½.
Con I " 3	E.Burton	"	Apr.29,1954	4	4	36	36	"	D	Sand hardpan 31;blue granite 41.
Pembroke Twp.										
Con II lot 18	H.Plummer	J.B.Dufresne	Nov.23,1953	3	3	57	37	Fresh	D	Clay 80;boulder gravel 150.
Petawawa Twp.										
Con B lot 19	B.Jackson	V.Marquardt	Oct.28,1953	4	4	60	46	Fresh	D	Sand 15;grey granite 134;red granite 136.
Con C " 19	C.Woloshine	"	Nov.19,1953	4	5	8	5	"	D	Old well 13;grey country rock 53.
Con I " 15	A.Blenke	"	Dec.23,1953	4	5	75	14	"	D	Old well 14;grey granite 84.
Con VII " 20	E.Brumm	C.Dufresne	Aug.18,1954	2	6	15	12	"	D	Sand 20;grey clay 35;shale 80.
Raglan Twp.										
Con III lot 30	E.Benzie	Marquardt & Son	Jun.24,1953	5	5	30	15	Fresh	D	Sand 8;hard limestone 42½.
Con IV " 26	W.Wiechuehal	"	Jun.13,1953	4	5	30	15	"	D	Brown soil 5;hardpan 40.
Con IV " 29	E.Newman	"	Jun. 9,1953	5	5		15	"	D	Brown soil 11;light grey rock 45.
Renfrew	T.Houwen	A.Stanton	Sep.24,1953	5	2½	100	60	Fresh	D	Sand 17;hard black granite 100;hard red granite 111.
Renfrew	R.Wilson	Valley Drilling	Jun.15,1954	4	5	60	35	"	In	Sand and clay mixed 57;limestone 350.
Richards Twp.										
Con VII lot 24	Can.Dept.of Transport	Valley Drilling	Sep.11,1953	5						Fine running sand 144. Dry hole.
Rolph Twp.										
Con A lot 5	L.Ware	C.Dufresne	Aug.25,1954	2	10	11	Flows	Fresh	D	Sand 3;red and grey granite 40.
Con A " 19	J.McGuire	"	Aug.24,1954	2	12	70	45	"	D	Fine sand 96;granite 115.
Con B " 48	S.Vickel	"	Sep. 3,1954	2	2	80	20	"	D	Sand 20;red granite 150.
Ross Twp.										
Con I lot 3	D.McLeod	Valley Drilling	Apr.27,1954	2	6	19	9	Fresh	D,S	Loam 6;grey granite 70;limestone 175;broken red granite 192.
Con II " 3	K.Boland	"	Apr.14,1954	3	2	40	13	"	D	Clay 9;sand 19;red and grey granite mixed 400.
Con II " 22	E.Poss	"	May 21,1953	2				"		Loam gravel 19;granite 42;white limestone 230. Dry hole.
MD Con I " 1	I.Kohlsmith	J.B.Dufresne	Oct.16,1953	2	5	45	25	"	D,S	Red granite 273.
Sherwood Twp.										
Con IV lot 1	D.Yantha	V.Marquardt	Apr.15,1954	4	5	66	23	Fresh	D	Hardpan 63;grey country rock 86½.
ORN RB " 175	A.Herron	"	Apr. 1,1953	4	5	50	20	"	D,C	Old well 14;dark-grey granite 35;red granite 40;grey granite 73.
Stafford Twp.										
Con I lot 21	C.Dament	C.Dufresne	Sep.13,1954	2	4	42	32	Fresh		Sand 85;red and grey granite 232.
Westmeath Twp.										
ME Con B lot 27	A.McKinum	J.B.Dufresne	Sep. 3,1953	2	7	15	12	Fresh	C	Granite 139.
Wilberforce Twp.										
Con VIII lot 14	R.Stuart	C.Dufresne	Oct. 8,1954	2	1½	60	32	Fresh	S	Gravel 15;red granite 200.
Con IX " 18	J.S.Moore	Valley Drilling	Feb.19,1953	6	11	30	30	"	D,S	Old well 38;red granite 80½.
Con XXII " 1	A.Leach	"	Aug. 7,1953	2		Flows	Flows	"	D,S	Old well 26;hardpan 38;granite 77.
Con XXIII " 1	I.Leach	"	Aug. 3,1953	4	5	15	10	"	S	Clay hardpan 27;granite 105.
Con XXIV " 1	A.Waito	"	Aug.17,1953	2		Flows	Flows	"	D,S	Old well 40;hardpan 50;granite 240.

RUSSEL COUNTY.

Cambridge Twp.

Con V	lot 20	School S.#20	J.B.Dufresne	Aug. 7, 1954	3	2½	90	30	Salt	P	Clay 90;limestone 169.
Con V	" 20	S.Villeneuve	"	Aug. 9, 1954	3	10	45	30	"	D	Clay 90;limestone 100.
Con VII	" 9	H.Aubry	M.Leduc	Oct. 1, 1953	4	5	27	8	Sulphur	D	Hardpan 42;limestone 44.
Con IX	" 10	G.Benoit	"	Sep. 10, 1953	4	1½	10	8	Fresh	D,S	Hardpan 8;limestone 60.
Con IX	" 11	"	A.Cayer	Nov. 19, 1953	4½	4	31	19	Sulphur	D,S	Stones 5;soft and shaly black rock 35.
Con X	" 9	R.Vinette	"	Nov. 26, 1953	4						Clay stones boulders 20;grey and black rock 100.Dry hole.
Con X	" 18	V.Desnoyers	"	Jul. 2, 1954	4	8	15	13	Fresh	D	Dark clay 5;blue clay 40;clay stones 60;black gravel 68.
Con X	" 19	P.Tremblay	"	Mar. 15, 1954	4	4	20	Flows	"	D	Blue clay 25;hardpan boulders 50;gravel 53.
Con X	" 20	Y.Richer	"	Aug. 25, 1954	4	4	15	10	"	D,S	Clay 40;hardpan 52;gravel 58.
Casselman		E.Q.Faucher	M.Leduc	Jul. 18, 1953	4	5	30	30	Sulphur	D	Hardpan 45;gravel 47.
Casselman		P.Duriage	"	Jul. 22, 1953	4	5	30	30	"	D	Hardpan 42;gravel 44.
Casselman		L.Denayer	A.Cayer	Sep. 17, 1953	4	13	28	12	Fresh	D	Clay 30;grey clay hardpan boulders 42;gravel 50;limestone 58.
Casselman		V.Pilon	"	Sep. 17, 1953	4	12	20	16	"	D	Blue clay 22;grey clay stones hardpan 29½;gravel 30;grey limestone 32.
Casselman		A.Bray	M.Leduc	Oct. 2, 1953	4	3	25	25	Sulphur	D	Gravel 48.
Casselman		A.Brunet	"	Oct. 8, 1953	4	5	19	19	Fresh	D	Blue clay 20;hardpan grey clay 25;grey quicksand 42;coarse gravel 44.
Casselman		A.Leroun	A.Cayer	Nov. 3, 1953	4	8	39	12	"	D	Clay 15;hardpan 40;gravel 47;rock 49.
Casselman		L.Bicher	"	Nov. 20, 1953	4	4	40	12	"	P	Sandy soil 5;blue clay 40;gravel 46.
Casselman		P.Fargot	"	Dec. 17, 1953	5	½	101	40	"	D	Sandy soil 10;blue clay 40;hardpan 47;grey rock 101.
Casselman		R.Marchand	"	Dec. 24, 1953	4	2½		16	"	D	Yellow sand 5;clay 30;hardpan 38;gravel 40.
Casselman		R.Francoeur	"	Mar. 10, 1954	4	5	20	7	"	D	Hardpan 12;hardpan blue clay 30;gravel 47.
Casselman		L.Vallee	"	Aug. 5, 1954	4	4	25	15	"	D	Yellow earth 5;blue clay 35;hardpan 41;gravel 46.
Casselman		J.Mallette	"	Aug. 15, 1954	4	8	35	10	"	D	Sandy soil 6;blue clay 35;hardpan 40;shale rock 42.
Casselman		P.Brosseau	M.Leduc	Nov. 6, 1954	4	7	25	12	"	D	Blue clay 25;hardpan 35;gravel 40.
Casselman		CasselmanArena	"	Nov. 12, 1954	4	10	36	36	"	D	Blue clay 20;hardpan 44;limestone 48.
Casselman		L.Boisson	"	Nov. 23, 1954	4	5	33	15	"	D	Red clay 10;blue clay 25;sand 34;gravel 39.

Clarence Twp.

Con I	lot 2	L.Lavolette	B.Campbell	Jul. 17, 1954	5	2½	184	164	Slight	D	Clay 70;heavy grey sand streaks of gravel 224.
Con I	" 19	W.Tucker	"	Aug. 3, 1954	5	7	10	10	Fresh	D	Gravel 4;hard limestone 48.
Con V	" 8	A.Neloché	"	Jul. 24, 1954	5	13	11	11	"	D,S	Clay gravel 55;limestone 101.
Con VI	" 1	L.Potvin	"	Aug. 19, 1954	5		Flows	Flows	"	In	Gravel 28;soft limestone 72.
Con VII	" 4	A.Lavolette	"	Aug. 31, 1954	5	5	119	99	"	S	Sand 30;clay 100;gravel 139.
Con VII	" 17	School S.#15	A.Gauthier	Feb. 10, 1953	5	8	15	10	"	P	Clay 30;hardpan 35;sand 40;rock 48.
Con IX	" 14	A.Lavigne	"	Mar. 12, 1953	4	8	25	15	"	S	Blue clay 100;grey quicksand 175;gravel 177.
Con IX	" 21	M.Lavigne	"	Apr. 25, 1954	4	7	25	16	Salt	S	Clay 100;sand 116;black gravel 117.

Cumberland Twp.

Con I	lot 16	G.Laplante	W.C.Christy	Mar. 30, 1953	5	4	22	12	Fresh	D,S	White clay 60;coarse gravel 62.
Con II	" 18	B.Diatte	"	Apr. 15, 1953	5	4	50	10	"	D,S	White clay 74;coarse gravel.
Con III	" 12	E.LaBreche	E.LaBreche	Nov. 16, 1953	1½	7	10	10	"	S	Blue clay 100;gravel 102.
Con IV	" C	P.Regimbald	B.Phillips	Apr. 3, 1954	5	8	15	12	"	D	Top soil 2;soft grey limestone 90.
Con IV	" 10	O.Lavine	T.Lacroix	May 5, 1954	1½	5	11	9	"	D	Solid clay 50;gravel 54.
Con IV	" 13	J.Buttenschoen	"	Nov. 15, 1953	1½	5	18	18	"	D	Red clay 10;blue clay 30;gravel 35.
Con IV	" 14	P.Malboeuf	E.LaBreche	Nov. 18, 1953	1½			18	"		Blue clay 18;running grey sand 27. Abandoned.
Con IV	" 14	"	"	Nov. 18, 1953	1½			18	"		Blue clay 18;running grey sand 29. Abandoned.
Con IV	" 14	"	"	Nov. 18, 1953	1½			18	"		Blue clay 18;running grey sand 29. Abandoned.
Con IV	" 14	"	"	Nov. 18, 1953	1½	7	15	15	Fresh	D,S	Blue clay 18;running grey sand 34;gravel 36.
Con V	" 3	E.Villeuve	T.Lacroix	Oct. 15, 1953	8	5	3	3	"	D,S	Red clay 9;rock 9½.
Con V	" 3	"	"	Oct. 15, 1953	1½				"		Red clay 5;soft blue clay 22;rock. Dry hole.
Con V	" 3	"	"	Oct. 15, 1953	1½				"		Blue clay 15;rock. Dry hole.
Con V	" 3	"	"	Oct. 15, 1953	1½				"		Blue clay 10;boulders. Dry hole.
Con V	" 3	"	"	Oct. 15, 1953	1½				"		Blue clay 15;rock. Dry hole.
Con V	" 3	"	"	Oct. 15, 1953	1½				"		Blue clay 7;rock. Dry hole.
Con V	" 14	H.Pope	"	May 10, 1953	1½		0	0	Fresh		Red clay limestone 10;soft blue clay 20;grey quicksand 40;black slate. Abandoned because of quicksand.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
RUSSELL COUNTY-cont.										
Cumberland Twp.cont.										
Con VII lot 10	S.Rivington	W.C.Christy	Dec.12,1953	4	2½	32	16	Fresh	D	Black loam 52;black shale 134.
Con VII " 11	C.Rathwell	T.H.Adams	Feb.11,1954	4	7	60	15	Mineral	D,S	Gravel clay 8;black shale rock 20;blue limestone 109.
Con VII " 23	T.McCormick	B.Phillips	Jun.21,1954	5	1½	150	20	Fresh	D	Clay 8;limestone 153.
Con VII " 25	T.Fitzsimons	W.C.Christy	Aug. 4,1953	5	2½	18	18	"	D	Clay loam 28;black shale 62.
Con VIII " 11	Community Centre	J.B.Dufresne	Jun.10,1954	3	4	25	21	"	P	Clay 44;shale rock 94.
Con VIII " 22	S.Low	W.C.Christy	Jul.20,1954	4	2½	18	9	"	S	Blue clay 30;shale rock 68.
Con IX " C	C.Wright	"	Oct. 8,1954	4	2½	42	23	"	D,S	Blue clay 159.
Con XI " 5	U.Dutresac	J.B.Dufresne	Jan.16,1954	3	8	15	0	"	D	Clay 130;sand gravel 206.
Con XI " 37	A.Gour	T.H.Adams	Sep. 3,1954	4	7	25	15	"	D	Blue clay 20;limestone 65.
Con XV " 3	A.Lavarche	W.C.Christy	Sep.29,1953	4	5		32	"	D	White clay 44;grey limestone 91.
O.P. " 9	P.Morin	T.Lacroix	Sep.20,1953	1½				"		Soft blue clay 115. Dry hole.
O.P. " 15	C.Lough	J.R.Kettles	May 7,1954	4	2	17	17	"	D	Red clay sand 54;grey limestone 86.
O.P. " 15	Ont.Dept.of Highways	T.H.Adams	Dec. 1,1954	4	7	47	47	"	P	Blue clay 91;hard limestone 100;quicksand gravel 105;hard limestone 126.
O.P. " 18	L.McNarry	"	Sep.21,1954	4	7	Flows	Flows	"	D	Blue clay 40;limestone 43.
O.P. " 18	R.S.Richards	"	Oct. 2,1954	4	3	"	"	"	D	Blue clay 35;limestone 51½.
O.P. " 18	R.Peters	"	Oct.17,1954	4	7	"	"	"	D	Blue clay 50;limestone 54.
O.P. " 18	J.M.Kiel	"	Oct.27,1954	4	7	4	4	"	D	Blue clay 60;limestone 67.
O.P. " 20	L.Fitzpatrick	B.Phillips	Apr.28,1954	4	6	45	35	"	D	Clay 120;limestone 123.
O.P. " 24	R.Edwards	W.Christy	Jul. 9,1953	5	4	46	11	"	D	Blue clay 5;grey limestone 90.
O.P. " 28	E.Mockett	J.Kettles	Nov.19,1953	4	6	43	43	Mineral	D	Blue and red clay mixed 47;grey limestone 83.
O.P. " 29	B.Stafford	T.H.Adams	Jul.31,1954	4	7	28	28	Fresh	S	Sandy loam 5;blue clay 40;gravelly quicksand 80;coarse gravel 83.
O.P. " 31	H.E.Mitten	J.B.Dufresne	Sep.25,1953	2	2	40	20	"	D	Broken rock 20;blue and grey limestone 118.
O.P. " 37	E.Roberts	T.H.Adams	May 5,1954	4	7	60	27	"	D	Sand 5;blue clay pebbles 109;fine black gravel 110.
O.P. " 37	"	"	May 22,1954	4	7	18	18	"	S	Sandy clay 10;blue clay gravel 85.
Russell Twp.										
Con I lot 20	E.Stanley	W.C.Christby	May 14,1953	5	4	21	12	Fresh	D,S	Blue clay hardpan 60;black shale 80.
Con I " 20	D.Hass	"	Jul.29,1953	5	5		18	"	D,S	Blue clay 80.
Con II " 11	A.Cousineau	"	Nov. 6,1953	5	2½	19	8	"	C	Black loam 16;shale rock 52.
Con III " 11	J.McArthur	"	Jun.25,1953	5	4	15	9	"	C	Loam 18;hardpan gravel 100.
Con III " 11	D.Campbell	"	Nov.21,1953	4	2½	20	11	"	D	Blue clay 32;limestone 60.
Con III " 11	A.Rowan	"	Nov.28,1953	4	2½	19	10	"	D	Clay 30;shale 44.
Con III " 11	E.Martel	"	Jul.13,1954	4	4	18	9	"	D	Loam 10;shale 48.
Con V " 18	A.Brisson	M.Leduc	Aug.21,1954	4	7	20	5	"	D,S	Gravel 10;hardpan 30;blue clay 60;red clay 65.
Con VI " 10	School S.#13	W.C.Christy	Apr. 6,1954	4	4	22	11	"	P	Blue clay 37;black shale 155.
Con VII " 7	M.Brisson	M.Leduc	Sep. 9,1954	4	3		8	"	D	Hardpan 15;limestone 47.
Con IX " A	A.Blanchard	"	May 7,1954	4	8	18	5	"	D,S	Hardpan 11;rock 20.
Con X " 3	G.Blanchard	A.Gauthier	Aug.25,1954	4	7	13	12	Sulphur	D,S	Old well 30;hardpan 40;gravel 41.
Con X " 4	C.Lafrance	M.Leduc	Apr.13,1953	4	5	8	8	Fresh	D,S	Grey soil 4;blue clay 29;hardpan 44;gravel 48.
SIMCOE COUNTY.										
Adjala Twp.										
Con II lot 8	R.Cunningham	C.Smith	Dec.20,1954	4	15	65	55	Fresh	D	Gravel 30;sandy clay stones 80;silt 100;red clay gravel 110; gravel 112.
Con VII " 5	School S.#10	C.E.Snider	Feb. 8,1954	4	3½	61	56	"	P	Top soil 2;yellow clay sand 45;reddish sand 79;reddish coarse sand 84;coarse sand gravel 90.
Barrie	Barrie Arena	E.Hirons	Nov.21,1953	5	80	19	3	"	P	Sand 140;sand gravel 150;gravel 170.
Barrie	G.Kearns	M.Coupland	May 27,1954	2	5	35	28	"	D	Clay and loam streaks 6;boulders 16;coarse gravel 20;very fine sand clay 58;medium sand 65.
Bradford	S.Duga	Reliance Well Drilling	Apr. 7,1953	2	10			Flows	D	Top soil 8;quicksand 134;soft clay 172;hard clay sand 196; coarse sand 200.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
SIMCOE COUNTY-cont.										
Medonte Twp.										
Con II lot 68	W. Lord	F. Wright & Son	Aug. 27, 1954	4	4	106	102	Fresh	D	Top soil 2; hard clay 63; sand 94; clay sand 103; sand with streaks of clay 119; medium sand 131.
Con III " 8	M. MacDonald	"	Jun. 23, 1953	4	4	69	67	"	D	Top soil 2; sand gravel stones 62; sand clay 92; sand 102.
Con VIII " 16	A. Boyd	"	Nov. 29, 1954	4	3	48	48	"	D, S	Top soil 2; clay sand 24; sand 89; fine sand 96.
Notawasaga Twp.										
Plot 33	L. Kerluke	"	May 21, 1954	2	2	12	9	"	D	Sand 21; blue clay 63; medium sand 70.
Con I " 34	W. Lashbrook	R. Nimmo	Jul. 9, 1953	2	10	5	3	"	D	Sand 30; clay 75.
Con I " 34	M. Cooper	"	Aug. 20, 1953	2	1		Flows	"	D	Sand 20; clay 52; sand gravel 60.
Con I " 34	E. Hartnell	"	Jun. 26, 1954	2	5	3	0	"	D	Fine sand 35; yellow clay 92; sand 100.
Con I " 34	R. W. Hughes	"	Jul. 17, 1954	2	5	3	0	"	D	Sand 25; sand clay 63; sand 71.
Con II " 32	J. Hewitt	"	Jul. 16, 1953	4	10	14	12	"	D	Clay 60.
Con II " 32	K. Matthews	F. Wright & Son	Jun. 28, 1954	4	2	18	14	"	D	Top soil 2; hard clay 23; stones sand clay 54; clay stones 60; sand 65.
Con II " 33	J. Wilson	"	Sep. 14, 1954	4	3	12	8	"	D	Sand 3; clay sand stones 28; clay sand 39; quicksand 55; sand 60.
Con II " 34	S. Flynn	R. Nimmo	May 22, 1953	2	6	3	Flows	"	D	Sand 4; clay sand 49; gravel 51.
Con II " 34	M. Carscadden	"	Jul. 13, 1953	2	10	2	"	"	D	Sand 15; clay 58.
Con II " 34	M. Sweet	"	Jul. 21, 1954	2	4	4	0	"	D	Sand 20; clay stones 37; gravel 37 1/2.
Con III " 33	C. Stewart	F. Wright & Son	Sep. 15, 1954	4	3	23	12	"	D	Top soil 1; clay sand 14; fine sand 43.
Con III " 33	"	"	Oct. 21, 1954	4	4	21 1/2	16	"	D	Sand 5; quicksand 46; fine sand 52.
Con III " 34	J. Henderson	R. Nimmo	Jul. 28, 1954	4	5	12	8	"	D	Hard clay stones 87; limestone 91.
Con III " 34	C. Stewart	F. Wright & Son	Nov. 3, 1954	4	4	15	13	"	D	Top soil 2; quicksand 67.
Con IV " 35	W. Green	"	Jun. 2, 1954	4	3	42	8	"	D	Top soil 1; clay stones 38; rock 42.
Con IV " 35	J. Conklin	"	Sep. 22, 1954	4	2	29	8	"	D	Top soil 1; clay boulders 45; limestone 65.
Con IV " 36	E. Snary	R. Nimmo	Jun. 23, 1953	4	3	18	8	"	D	Clay 4; rock 24.
Con IV " 36	E. H. Baker	F. Wright & Son	Aug. 24, 1954	4	3	6	4	"	D	Top soil 1; clay sand stones 29.
Con IV " 36	W. A. Ling	"	Aug. 30, 1954	4	3	6	4	"	D	Top soil 1; clay sand stones 29; gravel.
Con V " 26	I. Beattie	R. Nimmo	Apr. 18, 1953	4	10	30	28	"	D, S	Clay 10; clay sand 123; hardpan 133; gravel 140.
Con V " 31	Mrs. Wedgewood	F. Wright & Son	May 14, 1954	4	3	18	14	"	D	Top soil 2; clay 23; sandy clay stones 41; clay sand 73; white limestone 94.
Con V " 37	J. Thom	R. Nimmo	Aug. 13, 1953	4	4	11	6	"	D	Clay 6; limestone 22.
Con V " 38	W. Turner	F. Wright & Son	Sep. 23, 1953	4	5	6	3	"	D	Limestone 24.
Con V " 38	E. Beazley	R. Nimmo	May 22, 1954	4	2	12	6	"	P	Sand gravel 2; limestone 16.
Con V " 38	V. Kalaiina	F. Wright & Son	Jun. 16, 1954	4	4	8	4	"	D	Stones 6; clay stones 14; rock 24.
Con V " 38	G. Chapman	"	Jun. 23, 1954	4	3	10	6	"	D	Stones 1; sand stones 6; brown limestone 32.
Con V " 38	J. Yates	R. Nimmo	Jul. 4, 1954	4	5	10	10	"	D	Top clay 4; limestone 25.
Con VI " 40	H. E. Leat	"	Jun. 30, 1953	4	10	17	15	"	D	Clay 4; rock 24.
Con VI " 40	P. Swift	F. Wright & Son	Sep. 21, 1953	4	10	42	10	slight Sulphur	D	Limestone 42.
Con VI " 40	N. Freedly	"	May 27, 1954	4	3	6	4	Fresh	D	Stones sand 8; rock 26.
Con VI " 40	A. J. Pratt	"	May 31, 1954	4	3	4	2 1/2	"	D	Stones sand 8; dark limestone 19.
Con VI " 40	E. Latimer	"	Jun. 2, 1954	4	3	6	3	"	D	Stones clay 12; dark limestone 17.
Con VI " 40	G. Robinson	"	Sep. 14, 1954	4	3	35	6	"	D	Stones sand 11; dark limestone 35. Poor supply.
Con VI " 40	A. MacDonald	"	Sep. 20, 1954	4	4	4	4	"	D	Stones clay 7; rock 20.
Con VI " 41	J. Morris	"	Aug. 10, 1954	4	3	7	4	"	D	Stones 7; rock 26.
Con VIII " 40	O. Tracey	"	Jun. 30, 1954	4	3	16	12	"	D, In	Dug well 8; sandy clay stones 32; brown limestone 36.
Con IX " 40	E. Butterfield	"	Jun. 10, 1953	4	5	10	8	"	D	Top soil 2; shale 12; limestone shale 32.
Con IX " 40	I. Thompson	C. Bartley	Jun. 18, 1954	4	4	19	12	"	D	Top soil 2; yellow clay 6; blue clay 15; rock 33.
Con X " 39	B. Thompson	"	May 7, 1954	4	4	15	8	"	D	Sandy loam 1; sand 15; black sand small stones 25; creek sand 35; gravel 40.
Con X " 40	Smart Bros. Canning Co.	R. Nimmo	Aug. 30, 1954	4	5	14	8	"	D, S	Brown clay stones 41; gravel 41 1/2.
Orillia	E. A. Webb	A. R. Payne	Oct. 3, 1953	4	4	12	12	Fresh	D	Clay boulders 18; limestone 24.
Orillia	A. Lochhead	"	Oct. 17, 1953	4	5	3	2	"	D	Soft clay 40; gravel 41.
Orillia	O. Colbourne	L. J. Howell	May 18, 1954	4	7	0	0	"	D	Yellow clay 10; limestone 36.

## SIMCOE COUNTY-cont.

Orillia		H.W.Mavel	A.R.Payne	Jun. 1, 1954	4	4	21	12	Fresh	D	Grey hardpan 35;limestone 40.
Orillia		M.Harris	"	Jun.25, 1954	4	10	6	6	"	D	Blue clay 28;limestone 28½.
Orillia		G.Moose	"	Sep.20, 1954	4	8	20	8	"	D	Grey clay boulders 40;limestone 40½.
Orillia Twp.											
ND Con I	lot 2	B.Lloyd	F.R.Bowdoy	Dec. 4, 1954	4½	5	70	65	Fresh	D	Clay stone 14;hardpan boulders 90;gravel sand 92.
ND Con VI	" 15	A.Poundtain	A.R.Payne	Sep. 6, 1954	4	10	20	6	"	D	Yellow clay 8;limestone 28.
ND Con VII	" 10	School	"	Sep.15, 1953	4	3	10	8	"	P	Clay boulders 17;limestone 24.
ND Con IX	" 1	E.R.Clemon	"	Aug.12, 1953	4	5	4	4	"	P	Clay boulders 20;gravel 21.
ND Con IX	" 2	S.Tracy	"	Nov.15, 1954	4	5			Flows	"	Blue clay 20;limestone 26.
ND Con IX	" 2	A.Auranen	"	Nov.17, 1954	4	5			"	"	Blue clay 20;limestone 26.
ND Con IX	" 3	W.Fry	"	Jul.13, 1953	4	5	6	5	"	D	Clay boulders 23;gravel 24.
ND Con IX	" 3	G.Parber	"	Aug.20, 1954	4	4	21	6	"	D	Yellow clay 40;limestone 47.
ND Con IX	" 3	H.Clareman	"	Aug.30, 1954	4	4	20	6	"	D	Yellow clay 40;limestone 47.
ND Con X	" 5	W.R.Richmond	"	Dec.15, 1954	4	3	20	15	"	D	Clay boulders 39;limestone 50.
ND Con XII	" 10	V.McKinley	"	Nov.10, 1954	4	5	12	6	"	P	Limestone 26.
ND Con XII	" 11	D.Brooks	"	Sep. 1, 1953	4	2	42	18	"	D, S	Limestone 42.
ND Con XIV	" 9	J.McMabb	F.C.Hammond	Sep.16, 1954	5	5	60	5	"	D	Clay 3;brownish granite 75.
SD Con III	" 11	E.Maynard	A.R.Payne	May 20, 1953	4	4	4	0	"	D	Soft grey clay 40.
SD Con VII	" 1	Big Chief Lodge	"	Jul.10, 1954	4	4	21	10	"	P	Yellow clay boulders 30;limestone 60.
SD Con VIII	" 1	A.P.Knott	L.J.Howell	Sep.21, 1953	4	8	12	8	Fresh	D	Clay boulders 15;limestone 33.
Oro Twp.											
Con II	lot 28	Dr.Glover	F.Wright & Son	Nov. 8, 1953	4	8	43	34	Fresh	D	Dug well 27;sand clay 32;large stones clay 39;hard clay 91;gravel 98.
Con III	" 18	E.Gray	M.Coupland	Jun.21, 1954	2	3	20	6	"	D	Dug well 12;gravel clay sand 35;light clay 65;stones or shale 73;fine sand and clay veins 152;fine sand 162;medium sand 166.
Con XIII	" 18	R.Shelswell	F.Wright & Son	Nov.21, 1953	4	5	80	78	"	D, S	Clay sand boulders 15;hardpan strips of gravel 111;blue clay with layers of stones 144;sand 158.
PRE Con I	" B	Sun Oil Co.	Brodie & Dennis	Oct.20, 1954	6½	15	40	10	Fresh	C	Till 3;fine brown sand 15;boulders 20;fine gravel 30;blue clay sand gravel 97;boulders sand 105;clay 120;sand cemented gravel 137;very fine sand 150;pebble till 154.
PRE Con I	" 1	Wilson Motors	F.Wright & Son	Aug.22, 1953	4	5	20	20	"	D	Sand 11;sand gravel 23;sand 90.
PRE Con I	" 16	Ont.Hydro-Elec	E.Hirons	Dec. 7, 1953	5	5	80	30	"	P	Yellow clay 140;coarse sand 160;fine sand 170.
PRE Con II	" A	W.Darby	F.Wright & Son	Apr.23, 1953	4				"		Fine sand 4;sand gravel 12;blue clay 27;clay gravel 43;hard clay sand 71;clay sand 121;hard clay stones 123;clay gravel 161;fine sand 167. Abandoned.
PRE Con II	" A	Imperial Oil Ltd.	International Water Supply	Aug.16, 1954	4	16	50	3½	Fresh	C	Top soil 1;sand 3;blue clay 4;clay sand gravel 9;blue clay 20; soft blue clay 37;sandy blue clay gravel 49;sandy blue clay gravel boulders 62;sandy blue clay gravel 107;fine sand silt 112;sandy clay 114;sand 120;blue clay 134.
Sunnidale Twp.											
Con II	lot 17	N.Maxwell	E.Hirons	Apr.15, 1953	4	5	144	4	Fresh	D, S	Clay 140;gravel sand 203.
Con II	" 21	A.Holmes	"	Jul.16, 1953	3	3	135	13	"	D, S	Clay 125;gravel 135.
Con III	" 18	W.Schell	"	May 15, 1953	6	½			Flows	"	Clay 70;gravel 103.
Con VII	" 17	E.French	"	Feb.18, 1953	5	5	22	6	"	D, S	Soft blue clay 140;sand 190;gravel 200.
Con XV	" 1	W.J.Nash	R.Nimmo	Jun.21, 1954	2	5	3	0	"	D	Fine sand 30;yellow clay 78;sand 87.
Con XV	" 3	W.Reeves	F.Wright & Son	Jul. 1, 1953	4	5	8	6	"	D	Sand 18;clay 27;sand 38.
Con XV	" 4	G.Pearson	"	Jun.23, 1954	2	2			Flows	"	Sand 12;clay sand 26;clay gravel 35.
Con XV	" 4	G.Kerath	M.Coupland	Oct.19, 1954	2	8			"	D	Fine sand 12;gravel 16;blue clay gravel veins 60;fine sand 64;light gravel 70.
Con XVI	block A	M.Wolfe	"	Jun. 3, 1953	2	7½	20	3	"	P	Muck sand 25;soapstone 26½;soapy yellow clay 46;fine sand 64; shaly gravel stone 80;gravel stone 84.
Con XVI	" A	R.Starkweather	"	Jun. 6, 1953	2	6	12½	0	"	P	Muck coarse sand 26;white clay sand 43;shale 52;hardpan 63;fine hard sand 70;shale 74;fine sand clay 80;boulders 84;gravel clay 90;coarse gravel 93.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
SIMCOE COUNTY-cont. Sunnidale Twp.cont. Con XVI block A	R.Penfold	M.Coupland	Jul. 3, 1953	2	6	16	2½	Fresh	P	Fine yellow sand 11; fine black sand 20; soft white clay spots of shale 65; hard shale 71; hardpan 83; fine sand gravel 90.
Con XVI " A	W.E.Collins	R.Nimmo	Jun 14, 1954	2	8	2	0	"	P	Sand 30; yellow clay 78; coarse sand 86.
Con XVI " A	J.Wherry	M.Coupland	Oct. 8, 1954	2	6	16	3	"	D	Yellow sand 12; coarse gravel 24; white clay 56; clay shale 80; fine sand coarse gravel 90.
Con XVI " A	J.B.Dods	R.Nimmo	Oct. 9, 1954	2	5	0	0	"	D	Sand 25; brown clay 65; gravel 72.
Con XVI " A	G.Clinton	M.Coupland	Oct. 26, 1954	2	6	14	4	"	D	Fine yellow sand stones 22; white clay veins of sand 45; very fine sand 66; coarse sand gravel 70.
Con XVI lot 4	R.E.Elrick	R.Nimmo	Jul. 6, 1953	2	10	3	1	"	D	Sand 30; clay 76; gravel.
Con XVI " 4	B.McCady	"	Oct. 3, 1953	4	8	0	0	"	P	Sand 20; blue clay 60; sand 101.
Con XVI " 4	E.Sims	"	Sep. 10, 1954	4	5	7	4	"	P	Sand 25; brown clay 79; sand 107.
Con XVI " 6	C.Clifford	"	Jun. 11, 1953	2				Flows	"	Sand 20; clay 120; gravel 121.
SRE " 26	H.Orser	E.Hirons	Jun. 18, 1954	5					D	Top soil 3; brown clay 31; sandy clay 35; blue clay 61; fine sand gravel 89; blue clay 94; sand gravel 106; fine sand 130; limestone 300. Dry hole.
SRE " 26	"	"	Jun. 22, 1954	5	4	80	16	Fresh	D, S	Top soil 3; brown clay 30; sandy gravel 33; blue clay 80; fine sand 84; sand gravel 89; blue clay 94; sand 104; gravel 106.
SRW " 11	D.Patterson	F.Wright & Son	Oct. 22, 1954	4	5	30	28½	"	D	Top soil 2; clay 33; clay sand 78; quicksand 116; sand clay 123; medium sand 133.
Tay Twp. Con III lot 28	School S.#5	L.J.Howell	Nov. 23, 1954	4½	5	135	110	Fresh	P	Brown clay 20; yellow clay stones 40; fine sand 145; gravel sand 165.
Con IX " 8	Cnt.Hydro-Elec- tric Power com	"	Apr. 29, 1954	4	7½	91½	19	"	P	Fill and top soil 20; stones clay 35; soft clay 40; hardpan stones boulders 65; soft clay stones 73; soft reddish sandstone 75; solid sandstone 80; hard granite 126; soft black granite 146.
227 Con XI " 1	G.Howell	"	Dec. 1, 1953	4						Gravel 10; hardpan 20; quicksand 50. Dry hole.
Tecumseth Twp. Con X lot 16	E.Dorsey	E.Hirons	Sep. 3, 1954	5	100		Flows	Fresh	D, S	Brown clay 120; sand gravel 130; blue clay 295; gravel 301.
Tiny Twp. PR# Con II lot 94	G.Parker	F.Wright & Son	Sep. 8, 1954	4	4	87	79	Fresh	D	Top soil 2; hard clay stones 14; soft blue clay 52; sand boulders w/ strips of sandy muck 82; sandy clay w/ strips of hardpan 98; strips of hardpan clay sand 134; medium fine sand 151.
Toscorontio Twp. Con II lot 31	H.Ward	R.Nimmo	May 17, 1954	4	8	60	50	Fresh	D, S	Yellow clay fill 25; blue clay 210; medium gravel 212.
Vespra Twp. Con I lot 27	V.Moore	M.Coupland	Nov. 25, 1954	2	7½	65	41	Fresh	D	Clay 17; fine white sand 55; clay 65; coarse sand gravel 72.
Con I " 29	I.Orr	"	Dec. 8, 1954	2	10	50	38	"	D, S	Roots logs 12; fine yellow sand 40; clean fine white sand 50; medium sand 57.
Con IV " 12	R.Mason	"	Sep. 15, 1953	2	5	34	24	"	D	Medium sand 25; fine silt 50; clay 52; fine sand 68; coarse sand 73.
Con IV " 13	J.McGinnis	"	Jul. 28, 1953	2	10	55	40	"	D	Sandy gravel 50; fine sand 60; coarse sand 65.
Con IV " 13	B.Potter	"	Jul. 2, 1954	2	7½	50	44	"	D	Sandy loam 3; coarse gravel 32; stony gravel clay 44; fine sand 56; medium and coarse sand 60.
Con IV " 13	L.Pooler	"	Sep. 28, 1954	2	6	53	49	"	D	Fine sand 17; coarse sand gravel 43; gravel clay 48; fine sand 56; coarse sand 61.
Con IV " 14	W.Mayers	F.Wright & Son	Sep. 25, 1954	4	3	35	16	"	D	Sand 53.
Con IV " 17	W.C.Garthy	"	Nov. 29, 1953	4	5	69	67	"	D	Top soil 2; sand clay 28; coarse gravel 37; sand gravel 96; sand 135.
Con IV " 20	C.Gilmore	"	May 11, 1953	4	3	93	91	"	P	Top soil 1; gravel 4; clay boulders 11; coarse gravel 28; sand 127.
Con IV " 21	I.MacLean	"	Oct. 28, 1953	4	5	87	82	"	D	Top soil 1; gravel 3; sand clay boulders 118; coarse sand 127.
Con V " 19	J.Cummings	"	Jul. 18, 1954	4	4	65	63	"	D	Top soil 1; clay sand 32; sand 78; hard clay stones 90; medium sand 97.
Con V " 21	W.Lockhart	M.Coupland	May 5, 1953	2	7½	90	70	"	D	Loam and clay streaks 18; hardpan large stones 46; coarse sand 60; hardpan coarse gravel 90; fine sand 100; coarse sand 112.
Con V " 21	E.Binnie	F.Wright & Son	Sep. 11, 1953	4	4	70	67	"	D	Top soil 2; sand 5; clay boulders 22; sandy clay stone 53; sandy clay 80; sand 94.

SIMCOE COUNTY-cont.

Vespra Twp.cont.

Con V	lot 21	R.Archer	F.Wright & Son	Sep. 7, 1954	4	5	56	54	Fresh	D	Top soil 1; clay boulders 53; sand clay 78; sand 116; sand clay 118; medium sand 126.
Con VI	" 1	S.J.Cox	"	Sep. 19, 1953	4	5	35	33	"	D	Top soil 1; sand 4; clay boulders 44; clay sand 46; clay stones 52; sand gravel 71.
Con VI	" 24	E.Fee	"	May 15, 1953	4	3	36	8	"	D	Top soil 1; sand stones 45; sand 55.
Con VI	" 24	T.Hill	M.Coupland	Oct. 3, 1953	2	5	18	9	"	D	Gravel 16; clay 34; clay sand veins 70; hardpan 75; fine sand stones 92; medium sand 102.
Con VI	" 24	Jackson Motors	"	Sep. 11, 1954	2	6	16	11	"	C	Light sand muck 14; limest. 30; blue clay sand veins 85; coarse sand 92.
Con VI	" 25	J.Payne	"	Sep. 18, 1953	2	5	16	9	"	D	Sand muck 16; gravel 22; blue clay sand 52; fine sand 62; coarse sand 68.
Con VI	" 25	Ont. Hydro-Elec- tric Power Com	"	Aug. 27, 1954	2	7½	18	10½	"	D	Yellow mud sand 14; blue clay 62; fine sand clay 68; clay sand 101; shale 103; clay sand 110; sand gravel 116.
Con VI	" 25	L.Gray	"	Sep. 3, 1954	2	6	18	10½	"	D	Muck yellow sand 7; light clay 14; coarse gravel stone 30; blue clay 65; clay fine sand 92; fine and medium sand 97; coarse sand 103.
Con VII	" 23	J.Watson	"	Sep. 26, 1953	2	5	15	3	"	D	Fine sand 41; fine sand clay 46; fine sand 50; med. coarse sand 58.
Con VIII	" 9	S.MacParlane	F.Wright & Son	Apr. 12, 1953	4			Flows	"	D	Top soil 2; clay large stones 18; clay 34; sand clay.
Con IX	" 19	V.Howard	M.Coupland	May 23, 1953	2	8	79	68	"	D, S	Old well 68; fine sand 78; coarse sand 82.
Con IX	" 20	School	F.Wright & Son	Aug. 12, 1953	4	4	101	98	"	P	Top soil 1; sandy clay 6; clay boulders 32; gravel stones hardpan 120; coarse sand 132.
Con XI	" 6	F.Chappell	M.Coupland	Apr. 14, 1953	2			Flows	"	D, S	Muck clay 24; stones clay 28; sticky clay 45; hardpan 50; gravel 54.
Con XI	" 22	C.Fetter	"	Aug. 15, 1953	2	7	6	0	"	D	Fine black sand clay 44; soft white clay 122; shale 126; fine sand clay 170; hardpan stones 188; fine sand coarse sand 202.
Victoria Harbour		S.H.Price	L.J.Howell	Oct. 15, 1953	4	2	10	0	Fresh	D	Sand 10; clay boulders 27; limestone 36.
West Gwillimbury Twp											
B.P.	lot 16	R.Hughes	F.Wright & Son	Aug. 4, 1954	4	4	117½	117½	Fresh	D	Top soil 2; clay sand stones 27; sand 88; clay sand hardpan 131; hardpan stones 136; sand 148.
B.P.	" 23	A.A.Wagman	Reliance Well Drl.	Jun. 9, 1954	2						Top soil 2; soft clay 19; coarse gravel 23; gravel sand 78; rock. Dry hole.
Con V	" 14	A.Hnynyk	F.Hollingshead	Apr. 15, 1953	2			Flows	Fresh	D	Black muck 10; clay 60; sand 96; gravel 100.
Con V	" 16	N.Bereynick	"	Mar. 8, 1953	2			"	"	D	Black muck 15; clay 45; hard and soft sand 155.
STORMONT COUNTY.											
Cornwall Island											
Indian Reservation		School	Poliskin Well Drl.	Jan. 10, 1953	5	8	40	30	Fresh	P	Hardpan 40; sand 90; gravel 92; limestone 114.
Cornwall Island											
Indian Reservation		P.Caulwell	"	Jan. 30, 1953	5	5	40	30	Fresh	D	Hardpan 45; sand 87; gravel 92.
Cornwall Island											
Indian Reservation		S.White	"	Feb. 12, 1953	5	4	26	19	Fresh	D	Hardpan 60; gravel 65; limestone 73.
Cornwall Twp.											
Con I	lot 30	A.Petterly	R.Casselman	Sep. 10, 1953	5	13	18	18	Fresh	D	Old well 22; till 30; fine gravel 43; till 60; limestone 74½.
Con I	" 31	Schoof	"	Jul. 9, 1953	5	13	18	16	"	P	Top soil 3; till boulders 30; till 59; limestone 91.
Con II	" 5	McColl-Fronte- nac Oil Co.	"	May 23, 1953	6	17	44	41	"	P	Fill 4; top soil 8; till 40; gravel 42; till 79½; limestone 176.
Con II	" 5	British- American Oil.	"	Jul. 14, 1953	6	17	41	35	"	P	Fill 4; top soil 6; till boulders 26; till 53; gravel 56; till 84; sand 90; till 99½; limestone 216.
Con II	" 5	Trans Northern Pipe Line Co.	"	Jul. 21, 1954	5	17	40	34	"	P	Fill 3; top soil 6; clay 40; hardpan 44½; medium hard limestone 192.
Con II	" 13	D.Bourdon	A.Bourdon	Jun. 26, 1954	1			Flows	"	S	Blue clay 52.
Con II	" 21	Ont. Hydro-Elec- Power Comm.	R.H.Casselman	Nov. 10, 1954	6	20	10	3	"	P	Top soil 2; hardpan 56; limestone 80.
Con II	" 22	"	Poliskin Well Drl	May 23, 1953	5	8	17	12	"	P	Sand 6; clay 64; shale 109.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION		OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
STORMONT COUNTY-cont.											
Cornwall Twp.cont.											
Con III	lot 9	R.MacDonald	R.H.Casselman	Jun.11,1953	6	13	19	19	Fresh	D	Old well 36;till 46;coarse gravel 50;till 66;limestone 67.
Con III	" 9	H.G.Roche	"	Jul.24,1953	5	17	12	0	"	D	Top soil 3;gravel 6;till 42;fine gravel 43.
Con III	" 9	L.Desormey	Poliskin Well Drl	Jul.25,1953	5	10	25	8	"	D	Hardpan 55;gravel 58;limestone 65.
Con III	" 9	L.Hart	"	Oct. 2,1953	6	10	30	15	"	D	Clay 6;hardpan 42;gravel 46.
Con III	" 9	A.Bellefeuille	"	Oct.22,1953	5	10	25	12	"	D	Hardpan 48;gravel 54.
Con III	" 9	E.Julien	"	Nov.26,1953	5	6	20	10	"	D	Hardpan 40;gravel 42.
Con III	" 9	W.Sutherland	"	May 25,1954	6	4	10	Flows	"	D	Clay 7;hardpan 42;gravel 45;limestone 51.
Con III	" 9	G.Portier	"	May 29,1954	6	3	20	5	"	D	Clay 2;hardpan 56;gravel 58;limestone 62.
Con III	" 10	A.Julien	Munroe Bros.	Jan.16,1953	5	5	1	1	"	D	Stones 27;hardpan 32;clay 41;gravel 49;rock 50;coarss gravel.
Con III	" 10	J.Compeau	"	Apr.15,1953	5	4	14	2	"	D	Stones gravel 23;hardpan 33;blue clay 40;gravel 46.
Con III	" 10	R.Thomas	Poliskin Well Drl	May 9,1953	5	5	2	Flows	"	D	Clay 20;hardpan 42;gravel 45;limestone 49.
Con III	" 10	V.Abernathy	"	May 16,1953	5	5	15	8	"	D	Hardpan 51;gravel 52.
Con III	" 10	G.McCarthy	"	Jun. 1,1953	5	5	2	0	"	D	Clay 6;hardpan 42;gravel 46;shale 49.
Con III	" 10	H.Freeman	"	Jun.20,1953	5	7	2	Flows	"	D	Clay 20;hardpan 40;gravel 45;shale 47.
Con III	" 10	W.L.Hickok	"	Aug. 5,1953	5	10	18	7	"	D	Hardpan 45;gravel 48.
Con III	" 10	G.Savva	"	Aug.10,1953	5	10	12	8	"	D	Hardpan 41;gravel 42.
Con III	" 10	Dutch Reform Church	"	Aug.15,1953	5	10	30	14	"	P	Hardpan 60;gravel 65.
Con III	" 10	D.Lagroiu	Munroe Bros.	Sep.15,1953	5	4	19	9	"	D	Coarse gravel 20;stones 33;blue clay 47;hardpan 55;gravel 59.
Con III	" 10	B.Lewis	Poliskin Well Drl	Sep.23,1953	6	10	25	15	"	D	Clay 8;hardpan 39;gravel 46.
Con III	" 10	R.McCormick	"	Oct.10,1953	6	10	25	17	"	D	Hardpan 57;gravel 59.
Con III	" 10	I.Julien	Munroe Bros.	Oct.15,1953	5	4	23	12	"	D	Coarse gravel stones 27;blue clay 40;hardpan 50;blue clay 57; fine gravel 60.
229 Con III	" 10	V.Whalley	Poliskin Well Drl	Oct.17,1953	6	10	18	10	"	D	Hardpan 40;gravel 42;limestone 48.
Con III	" 10	D.Bougie	Munroe Bros.	Nov.10,1953	5	4	10	7	"	D	Dug well 16;blue clay 40;gravel 44.
Con III	" 10	F.Marion	Poliskin Well Drl	Nov.20,1953	5	6	14	6	"	D	Hardpan 40;gravel 42;limestone 46.
Con III	" 10	A.Lalonde	A.Gauthier	May 22,1954	4	7	35	8	"	D	Hardpan 46;gravel 49.
Con III	" 10	R.Payette	Poliskin Well Drl	Jun. 1,1954	6	3	15	0	"	D	Clay 7;hardpan 44;gravel 45;limestone 46.
Con III	" 10	P.Bergeron	"	Jun.29,1954	5	4	10	0	"	D	Clay 6;hardpan 44;gravel 45;limestone 56.
Con III	" 10	H.Raynor	"	Jun.30,1954	5	4	10	0	"	D	Clay 4;hardpan 44;gravel 48;limestone 53.
Con III	" 10	D.Ouimet	"	Jul.15,1954	5	4	20	15	"	D	Hardpan 54;gravel 57.
Con III	" 10	R.Eadic	Munroe Bros.	Dec. 5,1954	5	4	5	5	"	D	Gravel boulders 23;hardpan 40;blue clay 55;hardpan 61; coarse gravel 63.
Con III	" 11	L.Portier	Poliskin Well Drl	May 5,1954	5	10	9	Flows	"	D	Clay 38;gravel 40;limestone 66.
Con III	" 23	Ernies Hotel	"	Nov. 2,1954	6	8	23	22	"	P	Sand 7;clay 35;hardpan 52;gravel 57;limestone 84.
Con III	" 26	A.Morrison	R.H.Casselman	Jul.29,1953	5	17	20	20	"	D	Top soil 3;fine sand 30;gravel 36;till 48;hard packed gravel 53;limestone 92.
Con IV	" 10	J.Woods	"	Jul.28,1954	6	17	25	6	"	D	Rock fill 3;coarse running gravel 39;medium limestone 98.
Con V	" 12	A.Gagne	A.Gauthier	Jun.29,1954	5	4	6	2	"	D	Hardpan 21;rock 132. Dry hole.
Con VI	" 15	O.Lalonde	Poliskin Well Drl	Jul.14,1954	5	4	6	2	"	D	Hardpan 8;limestone 105. Dry hole.
Con II	" 9	R.Lercoux	Munroe Bros.	May 25,1953	5	4	6	2	"	D	Clay 12;coarse gravel 29;hardpan 40;gravel 44.
Finch Twp.											
Con II	lot 13	W.Bechler	M.Leduc	May 8,1953	4	4	6	6	Fresh	D	Grey hardpan 10;grey limestone 31.
Con II	" 18	School	"	May 22,1953	4	7	8	8	Sulphur	P	Clay 10;hardpan 30;limestone 50.
Con III	" 10	P.Bervatle	"	Apr.22,1953	4	7	8	4	Fresh	D	Grey hardpan 20;limestone 26.
Con III	" 15	L.Hutt	"	Aug.14,1953	4	3	20	20	"	D	Hardpan 14;grey limestone 38.
Con VI	" 13	P.R.MacLeod	"	Nov.28,1953	4	3	20	20	"	D	Hardpan grey clay stones 30;grey limestone 38. Water contains iron.

STORMONT COUNTY-cont.											
Finch Twp.cont.											
Con VI	lot 13	V.Lalonde	M.Leduc	Aug.27,1954	4	5	13	13	Fresh	D	Hardpan 21;gravel 25.
Con VI	" 14	C.MacQueen	"	Aug.12,1954	4	5	14	11	"	D	Red clay 15;hardpan 32;limestone 35.
Con IX	" 20	A.Godard	"	Jul.20,1954	4	8	6	6	"	D,S	Clay 12;sand 50;gravel 52.
Con X	" 12	M.Leduc	"	Feb.21,1953	4 $\frac{1}{2}$	1 $\frac{1}{2}$		18	"	D	Hardpan 34;limestone 38.
Con X	" 12	J.Fleming	"	Mar.31,1953	4	5	16	6	"	D	Gravel 16;limestone 36.
Con X	" 12	P.Birsonelt	"	Aug.20,1953	4	2 $\frac{1}{2}$	6	6	"	D	Blue clay 5;grey hardpan gravel 25;gravel 28.
Con X	" 12	C.S.Brydges	"	Oct.31,1953	4	4	18	18	Sulphur	D	Grey clay boulders 10;grey limestone 38.
Con X	" 12	A.Clontier	"	Nov.12,1953	4	1	70	20	Mineral	D	Hardpan 10;grey limestone 70.
Con X	" 12	J.R.Leduc	"	Dec.22,1953	4	$\frac{1}{2}$	49	9	Fresh	D	Hardpan 13;limestone 49.
Con X	" 12	Crysler Poul- try & Egg Grading Stn.	"	Apr.24,1954	4	3	25	4	"	D	Blue clay 10;limestone 50.
Con X	" 13	J.F.Armstrong	"	Aug.29,1953	4	4	10	10	"	D	Till 23;grey clay boulders stones grey limestone 30.
Con X	" 22	O.Robillard	"	Jul.26,1954	4	8	6	6	"	D,S	Red clay 8;blue clay 38;hardpan 58;gravel 62.
Osnabruck Twp.											
Con II	lot 30	Ont.Hydro-Eleo- tric Power Com	R.H.Casselmann	Apr. 5,1954	5	17	18	Flows	Fresh	P	Top soil 4;till 10;gravel clay 53 $\frac{1}{2}$ ;gravel 54 $\frac{1}{2}$ .
Con VIII	" 8	Kraft Foods	C.V.Morrison	Aug.18,1954	10						Black earth 22. Dry hole.
20 Roxborough Twp.											
Con I	lot 5	H.Blendin	Poliskin Well Drl	Jun. 7,1954	6	5	8	7	Fresh	D,S	Dug well 10;limestone 80.
Con I	" 13	P.Jackson	"	May 22,1954	6	3	125	4	"	D,S	Sand 10;hardpan 24;gravel 24 $\frac{1}{2}$ ;limestone 125.
Con III	" 13	C.Helps	R.H.Casselmann	Feb. 1,1954	5	$\frac{1}{2}$	100	19	"	S	Top soil 1;till 8;gravel 16;very hard dolomite 70;medium hard dolomite 148.
Con VIII	" 34	J.E.Bazinet	M.Leduc	Jun. 6,1953	4	7		8	Sulphur	S	Black muck 15;blue clay 75; grey hardpan gravel 81; soft limestone 95.
Con VIII	" 36	W.Aube	"	May 21,1954	4	7	20	1	"	D,S	Red clay 5;blue clay 27;limestone 65.
Con VIII	" 38	R.Pairier	"	Jul. 7,1953	4	5	6	6	Fresh	In	Hardpan 6;limestone 26.
SUDBURY DIST.											
Appleby Twp.											
Con I	lot 4	S.Duhaime	S.Bradley	Mar.20,1954	2	$\frac{1}{2}$	20	5	Fresh	D,S	Hardpan boulders 26;grey granite 207.
Con II	" 1	A.Turcot	"	Aug.31,1954	2	1	22	18	"	D	Clay 4;red granite 122.
Bigwood Twp.											
Con I	lot 3	A.Roy	S.Bradley	Sep.29,1954	2	3	20	18	Fresh	D,S	Clay 18;red and grey granite 166.
Broder Twp.											
Con V	lot 5	W.G.Cooke	J.L.Pilon	May 31,1954	2			10			Sand 17;boulders gravel 57. Abandoned.
Capreol											
		Town of Capreol	International Water Supply	Aug.15,1953	8					T	Top soil 1;sand gravel 5;sand 23;sand gravel 26;silty sand 28;silty sand gravel 30;silty sand 36;blue clay 46;silty sand gravel 49;cemented gravel 51;rock.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
SUDBURY DIST.-cont.										
Capreol	Town of Capreol	International Water Supply	Aug.18,1953	8					T	Top soil 1;dirty sand gravel 3;sand gravel 24;clay 35;silty clay streaks of blue clay 65;rock.
Capreol	"	"	Aug.24,1953	8					T	Top soil 1;sand coarse gravel 17;fine sand coarse gravel 22; fine sand 32;silt streaks of blue clay 75; soft blue clay 87;rock.
Capreol	"	"	Sep. 3,1953	8					T	Top soil 1;sand 6;sand gravel 32;rock.
Capreol	"	"	Sep.11,1953	8					T	Sand gravel 14;fine sand gravel 17;fine silty sand 25;silty sand streaks of blue clay 33;rock.
Capreol	"	"	Sep.15,1953	8					T	Top soil 1;sand 16;sand fine gravel 20;blue clay 26;rock.
Capreol	"	"	Nov.17,1953	8	37	8½	4		T	Sand gravel 2;fine sand 8;sand 11;sand gravel 19;clay 25; rock. Abandoned.
Capreol Twp. Con I lot 9	Town of Capreol	International Water Supply	Sep. 1,1953	8	38	16	15½		T	Top soil 1;dirty sand gravel 10;sand gravel 43;silt 46. Abandoned.
Con V " 10	C.N.R.	"	Nov.25,1953	8					T	Sand coarse gravel 12;sand gravel 45;fine sand 56;silty clay 58;fine sand 70;clay 73;fine sand streaks of clay 111;sand some fine gravel 113;hard packed sand gravel 123;rock.
Con V " 11	C.N.R.	"	Dec. 2,1953	8	36	6	1	Fresh	T	Sand gravel 20;sand 40;sand fine gravel 68;blue clay 69; fine sand 71.
Cherriman Twp. Con V lot 1	J.Pedneault	S.Bradley	Nov. 4,1954	2	4	15	12	Fresh	D	Clay 6;gravel 12;red and grey granite 44.
Cosby Twp. Con II lot 1	School	S.Bradley	May 17,1953	2	20	7	7	Fresh	P	Clay 17;red granite 182.
Con III " 1	A.Carriere	"	Jun.28,1954	2	4	18	10	"	D	Clay 17;red granite 190.
Con III " 4	A.Bigras	"	May 6,1954	2	3	18	16	"	D,S	Clay 12;hard red granite 145.
Dill Twp. Con IV lot 12	School S.#1	J.L.Pilon	May 22,1954	3			15			Previously drilled 20;sand few small boulders 110;green rock occasional quartz stringers 192. Abandoned.
Dunnet Twp. Con I lot 6	L.Benoit	S.Bradley	Mar.11,1953	2	3½	20	16	Fresh	D	Hardpan 4;red granite 84.
Con I " 6	School S.#1	"	May 31,1954	2	3	22	17	"	P	Clay 3;grey and red granite 125.
Con III " 6	L.Brisson	"	Jul.21,1954	2	2	25	17	"	D,S	Gravel 2;red and grey granite 234.
Con VI " 2	School	"	Jun.16,1953	2	3	24	20	"	P	Clay 48;red granite 148.
Con VI " 2	D.Crampton	"	Apr.30,1954	2	3	10	7	"	D	Clay 2;red and grey granite 141.
Garson Twp. Con II lot 4	International Nickel Co.	International Water Supply	Oct. 1,1953	8	150	49½	24½	Fresh	T	Dirty sand 6;sand boulders 9;dirty fine sand 34;fine sand 49; fine sand some gravel 60;sand fine gravel 80;sand coarse gravel 110;packed sand and gravel 121;rock.

SUDBURY DIST cont.											
Garson Twp. cont.											
Con II	lot 4	International Nickel Co.	International Water Supply	Oct. 8, 1953	8						T Fine sand 35; sand 62; clay 63; sand 105; sand some fine gravel 118; silty sand 134; rock.
Con II	" 4	"	"	Dec. 14, 1953	8	187	57	24½	Fresh	T	Dirty sand 6; dirty fine sand 34; fine sand streaks of clay 50; fine sand 60; sand gravel 80; sand coarse gravel 110; packed sand coarse gravel 114.
Con IV	" 3	Neelon/Garson Twp.	"	Jun. 9, 1954	8					T	Brown earth 3; dirty sand gravel 7; blue and grey silty clay 68; blue and grey hard packed silt 89; rock.
Con IV	" 3	"	"	Jul. 7, 1954	8					T	Brown sandy clay 11; blue grey silty clay 116; rock.
Hagar Twp.											
Con I	lot 1	C. Roy	Canadian Long-year Ltd.	Sep. 18, 1954	3	½		45	Fresh		Heavy gravel little boulders 20; coarse gravel light boulders 40; heavy boulders 45; coarse gravel boulders 70; gravel blue coarse sand 81. Abandoned.
MacLennan Twp.											
Con I	lot 10	Can. Dept. of Transport	N. McRae	Jul. 12, 1953	6						Boulders 9; Abandoned due to boulders.
Con I	" 10	"	"	Jul. 17, 1953	6						Boulders 12; Abandoned due to boulders.
Con I	" 10	"	"	Aug. 15, 1953	6						Granite boulders 22; fine sand 181; granite rock. Dry hole.
Martland Twp.											
Con II	lot 7	J. Seguin	S. Bradley	Oct. 19, 1954	2	7	10	7	Fresh	D	Clay 11; red and grey granite 175.
Neelon Twp.											
Con IV	lot 12	Neelon/Garson Twp.	International Water Supply	Jun. 3, 1954	8	39½	11	3½	Fresh	T	Gravel fill 1; dirty sand 3; dirty gravel streaks of clay 26; dirty sand 57; coarse sand gravel 72; coarse sand gravel streaks of silty sand 85; coarse sand 99; coarse sand gravel 104.
Con V	" 10	"	"	Apr. 15, 1954	8					T	Grey clay 31; clay silt 42; silt clay 55; silty sand 102; rock.
Con VI	" 9	"	"	Jun. 18, 1954	8					T	Brown earth 1; sandy clay 17; sand gravel 18.
Con VI	" 9	"	"	Jul. 2, 1954	8	41	16	9	"	T	Black mud 2; sandy clay 20; silty sand 45; fine sand 50; coarse sand 52; coarse sand gravel 71; rock.
Con VI	" 10	"	"	Apr. 4, 1954	8					T	Yellow clay sand 4; grey clay 32; silty clay 55; hardpan 64; fine sand 85; fine silty sand bits of wood 90; fine sand broken rock 95; rock.
Con VI	" 10	"	"	May 27, 1954	8					T	Frozen yellow sand 4; yellow sand clay 25; grey fine sand 56; tight silty sand 86; rock.
Con VI	" 11	Sep. School	N. F. McRae	Dec. 26, 1953	4	3	35	20	Fresh	P	Grey clay 25; silt 55; pea gravel 55½; silt 80; coarse gravel 85.
Con VI	" 11	Neelon/Garson Twp.	International Water Supply	Jun. 12, 1954	8					T	Brown earth 1; brown sandy clay 19; silty sand 50; dirty sand 59; rock.
Scollard Twp.											
Con V	lot 24	V. Lafreniere	S. Bradley	May 7, 1953	2	7	17	17	Fresh	D	Clay 12; quicksand 30; gravel 50.
Snider Twp.											
Con I	lot 1	International Nickel Co.	International Water Supply	Nov. 26, 1954	10					T	Gravel fill 1; dirty brown sand 4; dirty sand gravel 19; rock 20.
Con I	" 1	"	"	Dec. 1, 1954	10					T	Silty sand 8; blue grey clay 11; brown clay 16; dirty coarse sand gravel 17; rock.
Con I	" 1	"	"	Dec. 2, 1954	10					T	Black earth 1; silty sand 5; grey clay 16; dirty sand gravel 18; rock.
Con I	" 1	"	"	Dec. 8, 1954	6	48	5	Flows	Fresh	T	Black earth 1; grey sandy clay 16; coarse dirty sand gravel 25; coarse sand fine gravel 50.
Waters Twp.											
Con V	lot 2	International Nickel Co.	International Water Supply	Aug. 30, 1954	10	375	28	7		T	Black earth 1; brown sandy clay 20; blue grey clay 52; blue grey hard packed silt 87; coarse sand gravel 115; rock.
Con V	" 2	"	"	Nov. 16, 1954	10					T	Brown sandy clay 1; blue grey clay 4; brown sandy clay 14; blue grey clay 69; blue grey hard packed silt 117; cemented gravel 122; rock.
Con V	" 3	"	"	Feb. 3, 1954	8					T	Sandy clay 8; coarse gravel boulders clay 42; rock 42½.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
SUDBURY DIST. cont. Waters Twp.										
Con V lot 3	International Nickel Co.	International Water Supply	Feb.10,1954	8					T	Sandy clay 35;silty sand some gravel 45;gravel silty sand 50;sand gravel 54;cemented gravel 57;rock 57½.
Con V " 3	"	"	Apr.30,1954	8	30	56	4½		T	Sandy clay 15;clay 58;dirty gravel 70;sand gravel clay silt 86;rock.
Con V " 3	"	"	May 5,1954	8					T	Brown sandy clay 17;grey clay 44;silty sand 67;rock.
Con VI " 1	"	"	May 14,1954	8					T	Dirty sand 1;sandy clay 4;clay gravel 12;blue clay 25;silty sand 28;rock.
Con VI " 2	"	"	Oct.16,1953	8	30	16	11	Fresh	T	Clay 16;fine sand some gravel 24;sand gravel 50;fine sand 56;fine sand gravel 59.
Con VI " 2	"	"	Oct.19,1953	8					T	Yellow sand 3;sand 20;sand gravel 24;sand gravel clay 30;rock.
Con VI " 2	"	"	Oct.22,1953	8					T	Clay 40;silty clay 64;sand fine gravel 73;sandy clay 77;rock.
Con VI " 2	"	"	Nov.10,1953	8	100	18½	5½	"	In	Clay 5;dirty sand 24;sand gravel 58;cemented gravel 65;rock.
Con VI " 2	"	"	Feb.16,1954	10					T	Clay 20;silty clay 41;rock 41½.
Con VI " 2	"	"	Feb.22,1954	8					T	Clay 16;silty clay 29;fine silty sand gravel 43;sand gravel 47;rock 47½.
Con VI " 2	"	"	Feb.25,1954	8					T	Clay 30;clay boulders 35;rock 35½.
Con VI " 2	"	"	Mar. 9,1954	8					T	Clay 10;dirty sand 23;sand gravel 46;rock 46½.
Con VI " 2	"	"	Mar.10,1954	8					T	Clay 25;silty clay 43;sand gravel 46½;rock 47.
Con VI " 2	"	"	Mar.12,1954	8					T	Clay 35;silty clay 50;silt 58;sand gravel 62;rock.
Con VI " 2	"	"	Mar.29,1954	8	220	46	7½	"	P	Clay 35;silty clay 53;sand gravel 73;silt.
Con VI " 3	"	"	Oct.30,1953	8					T	Clay 40;silty clay 60;silt 105;fine silty sand 120;rock.
Con VI " 3	"	"	Apr. 3,1954	8					T	Soft sandy clay 25;soft clay 60;clay 75;silty clay 86;clay boulders 87;rock.
Con VI " 3	"	"	Apr.13,1954	8					T	Clay 45;silty clay 68;silt gravel 72;cemented gravel 77;rock.
THUNDER BAY DIST.										
Blake Twp.										
Con IX lot 10	W.Oleksuk	G.E.Duce	Nov.14,1953	5	1½	30	11	Fresh	D,S	Red clay 34;grey clay 63;grey clay pebbles 87;black gravel sand 91;fine gravel 96.
McIntyre Twp. Lot M	A.Wardle	G.E.Duce	Mar. 9,1953	5	½		6	Fresh	D	Brown shale some clay 7;brown clay some small stones 13;gravel 15.
Nesbitt Twp.										
KRN Con II lot 11	P.Czykula	G.E.Duce	Aug.10,1953	5	5	36	6	Fresh	D	Muskeg 3;brown clay 12;fine grey sand 20;blue clay 76;blue clay some coarse gravel 84;red gravel 86.
KRN Con IV " 13	G.A.Auld	"	Oct.26,1953	5	2½	30	10	"	D	Old well 17;blue clay 74;blue clay some gravel 124;blue clay 134;blue clay coarse gravel 136;black coarse gravel 137;black sand 139.
KRN Con IV " 15	H.R.Dowewell	"	Jan.16,1954	5	3	26	12	"	D	Old well 12;fine brown sand 18;blue clay 56;quicksand 87;black clay 102;till 120;gravel 121.
KRN Con IV " 17	W.Dampier	"	Aug.18,1953	5	3	17	11	"	D	Muskeg 2;grey sand 18;black clay 37;till 46;red gravel 47.
KRN Con IV " 21	W.Bigger	"	Oct.15,1953	5	13	18	5	"	D	Old well 23;till 46;black gravel some sand 47.
KRS Con I " 13	W.Musko	"	Nov. 4,1953	5	1½	35	27	"	D	Old well 30;black clay 40;till 47½;gravel.
KMS Con IV " 17	E.Buitenhuis	"	Feb.12,1953	5	½	30	16	"	D	Clay loam 4;brown clay some gravel 24;hard black clay some gravel 39;till 50;black shale 72.
Paipoonge Twp.										
KRS Con A lot 31	O.Sideen	G.E.Duce	Feb.27,1953	5	½	23	17	Fresh	D	Old well 20;till 40.

## Paipoonge Twp. cont.

KRS Con IV lot 10

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1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
TIMISKAMING DIST. cont.										
Dack Twp.										
Con II lot 6	H.Lamb	J.B.Longstreet	Nov.20,1953	6½	5	45	15	Fresh	D,S	Black muck 3;red clay 15;blue clay 44;sandy clay gravel 47.
Con V " 1	J.Bereshny	"	Aug.18,1954	6	10	45	45	"	D,S	Black muck 2;brown clay 12;blue clay 85;quicksand 126; limestone 147.
Con V " 1	C.Carley	"	Dec.18,1954	6	3	225	205	Fresh	D,S	Brown sand 105;blue clay 202;blue limestone 285.
Dymond Twp.										
Con III lot 4	L.C.Spencer	T.E.Blain	Oct.10,1954	1½	2		Flows	Fresh	D	Layers' grey clay 225;gravel sand 235.
Con III " 6	C.Tallon	J.B.Longstreet	Jul.10,1953	6	10	44	41	"	D,S	Blue clay 190;quicksand 230;gravel 237.
Con III " 6	R.Patoin	J.Marcoux	Dec. 8,1954	1½	5		Flows	"	D,S	Black muck 7;blue clay 100;quicksand 200;gravel 291.
Con IV " 4	F.Benoit	T.E.Blain	Nov.20,1954	1½	10		Flows	"	D,S	Blue clay 245;quicksand 250;gravel 260;rock.
Con VI " 1	School	"	Nov.15,1954	1½			Flows	"	P	Blue clay 220;quicksand 225;hardpan 227;coarse sand 232.
Evanturel Twp.										
Con III lot 5	S.Puhalski	J.B.Longstreet	Nov.20,1953	6½	10	112	110		D,S	Yellow clay 15;blue clay 90;sand stone 110;sandstone 205; soapstone 250;limestone 252.
Con V " 3	M.Jos	J.B.Longstreet	May 10,1954	6	20	46	25	Fresh	D,S	Black muck 4;brown clay 20;blue clay 209;limestone 237.
Con V " 7	M.C.Allen	"	May 28,1954	6	2	240	50	"	D,S	Red clay 25;blue clay 140;sandstone 238;hard blue rock 247.
Con VI " 8	J.McNeill	"	Jan.20,1953	6	1	140	15	"	D,S	Blue clay 150;sand 195;gravel 198;green rock.
Con V " 12	M.Leveille	J	Oct.30,1953	6½	5	170	160	"	D,S	Brown clay 8;blue clay 200;sand 228;gravel 234.
Gillies Limit Twp.										
lot 4	Cobalt Chemicals	R.LaFramboise	Sep. 9,1954	3	3	16	6	Fresh	D	Blue clay 18;hardpan 23;coarse gravel 25.
Harley Twp.										
Con I lot 9	School SS #1	R.LaFramboise	Jul.26,1953	5	3½	60	33	Fresh	P	Blue clay 60;hardpan 75;sand rock 100;limestone 139.
Con II " 10	C.Poirier	J.B.Longstreet	Jun.17,1954	6	10	60	40	"	D,S	Black muck 2;red clay 18;sandstone 72;limestone 164.
Con IV " 8	P.M.Fleming	"	Aug.26,1953	6	10	26	25	"	C	Sand boulders 160;limestone 243.
Harris Twp.										
Con A lot 2	A.Moore	J.B.Longstreet	Jul.10,1954	6	10	32	24	Fresh	D,S	Sand boulders 20;limestone 104.
Con I " 2	P.Pettit	"	Jun.20,1953	6	10	48	45	"	D,S	White clay 1;blue clay 30;green limestone 133.
Con I " 3	K.and E.Jellie	"	Jun. 5,1953	5	8	152	150	"	D,S	Grey limestone 191.
Con IV " 1	A.Gervais	"	Oct.21,1953	6	10	60	55	Mineral	D,S	Yellow sand 2;limestone 164.
Con VI " 4	L.Julien	J.Marcoux	Nov.13,1953	1½	4	5	1	Fresh	D,S	Clay 200;quicksand 225;hardpan 235;gravel 240.
Hilliard Twp.										
Con I lot 1	R.LaFramboise	J.B.Longstreet	Mar. 3,1954	4	8	80	32	Mineral	D,S	Red clay 10;blue clay 32;hardpan boulders 242;soapstone 290;limestone 299.
Con IV " 3	P.Loranger	R.LaFramboise	Dec. 1,1954	5	5	112	30	Fresh	D,S	Blue clay 120;hardpan boulders 150;scapy rock 240; limestone 250.
Hudson Twp.										
Con III lot 3	T.Greenwood	J.B.Longstreet	Jul.29,1953	6	10	50	4	Fresh	D,S	Blue clay 60;gravel 75.
Con VI " 6	O.Norow	T.E.Blain	Nov.20,1953	1½	2		Flows	"	D,S	Clay 160;sand gravel hardpan 185.
Ingram Twp.										
Con III lot 2	School SS #1	R.LaFramboise	Sep. 8,1953	3	6	63	27	Fresh	P	Clay 157;gravel 165.
Kerns Twp.										
Con III lot 8	M.Jebb	Bradley Bros.	Jul.27,1953	3						Blue clay 84;blue diabase 87. Dry hole.
Con III " 8	"	"	Jul.31,1953	1						Blue clay 100;hardpan 110;rock. Dry hole.
Con III " 8	"	"	Aug. 4,1953	1						Blue clay 100;hardpan 110;rock. Dry hole.
Con III " 8	"	"	Aug. 8,1953	3						Blue clay 122;boulders hardpan 135;blue diabase 150. Dry hole.
Con III " 8	"	"	Aug.12,1953	3						Blue clay 110;blue diabase 130. Dry hole.
Con III " 8	"	"	Aug.20,1953	1½	½	80	8	Fresh	D,S	Old well 80;boulders hardpan 90.

## TIMISKAMING DIST. cont.

Kerns Twp.											
Con IV	lot 1	O. Beaudry	Bradley Bros.	May 15, 1953	1 1/2	5	Flows	Fresh	D,S	Blue clay 205;limestone 207.	
Con IV	" 2	J. Hillcoat	"	Jun. 4, 1953	1 1/2	8	Flows	"	D,S	Blue clay 235;limestone 249.	
Con IV	" 3	C. Beaudry	"	May 12, 1953	1 1/2	17	Flows	"	D,S	Clay 208;limestone 213.	
Con IV	" 4	A. Loach	"	May 25, 1953	1 1/2	17	Flows	"	D,S	Blue clay 120;sand gravel 123.	
Con V	" 4	G. Neil	"	Jun. 25, 1954	1 1/2	"	Flows	"	D	Clay 238;limestone 260.	
Con VI	" 4	L. Chartrand	"	Apr. 17, 1953	1 1/2	8	Flows	"	D,S	Blue clay 215;limestone 222.	
Con VI	" 4	E. Chartrand	"	Apr. 29, 1953	1 1/2	8	"	"	D,S	Clay 230;limestone 252.	
Con VI	" 5	R. Courchiene	"	Jun. 18, 1954	1 1/2	8	0	"	D	Clay 241;limestone 313.	
Latchford		D. Wellar	A. McKnight	May 5, 1953	1 1/2	1 1/2	10	5	Fresh	D	Clay 5;slate 30.
Robillard Twp.											
Con IV	lot 3	S. Cain	Bradley Bros.	Aug. 7, 1954	3	2	50	27	Fresh	D	Clay 110;diabase 120.
Con V	" 8	W. Gregory	"	Sep. 2, 1954	3	5	60	55	"	D	Clay 88;sand 110;gravel 115.
Con V	" 8	T. J. Demarell	T. J. Demarell	Dec. 21, 1954	3	3	100	56	"	D,S	White clay loam 10;blue clay 70:white fine sand 110; coarse sand 121;gravel boulders 132.
Savard Twp.											
Con I	lot 11	L. Batt	Bradley Bros.	Sep. 10, 1954	3	3	22	10	Fresh	D	Clay 70.
Thornloe		R. Charland	Bradley Bros.	Jun. 19, 1953	1 1/2	5	Flows	Fresh	D,S	Blue clay 166;limestone 176.	
VICTORIA COUNTY											
Bexley Twp.											
Con I	lot 1	G. Lytle	W. H. Baldwin	Oct. 5, 1953	6	1	34	22	Fresh	D	Dug well 18;hard grey limestone 48.
Con III	" A	W. MacMillan	"	Jun. 15, 1953	6	1	"	15	"	D	Brown clay boulders 8;grey limestone 37.
Con III	" A	F. Lynch	"	Jun. 25, 1953	5	1	"	8	"	D	Brown clay boulders 17;gravel 18.
Con VIII	" 7	T. Hearne	"	Aug. 5, 1954	5	1 1/2	6	4	"	D	Brown clay boulders 10;grey limestone 21.
FIR NWBR	" 13	C. Shields	"	Jul. 15, 1953	5	1	"	14	"	D	Brown clay shale limestone 2 1/2;grey limestone 22.
FIR NWBR	" 14	L. C. Seibert	G. Hart & Sons	Sep. 27, 1954	5	1 1/2	18	4	"	D	Clay stones 3;limestone 18.
GRR	" 8	Dr. N. McLeod	C. D. Weaver	May 26, 1954	6	1 1/2	38	8	Sulphur	D	Sandy brown loam 5;grey limestone 38.
GRR	" 15	J. McLeod	W. H. Baldwin	Dec. 9, 1954	5	1	5	4	Fresh	D	Brown clay boulders 20;boulders gravel 23.
GRR	" 19	J. Peal	G. Hart & Sons	Aug. 19, 1953	6	1 1/2	"	9	"	D	Clay 30;limestone 35.
GRR	" 20	L. W. Rice	"	Jun. 12, 1954	5	1 1/2	"	21	"	D	Brown clay stones 19;limestone 31.
GRR	" 22	L. Smith	W. H. Baldwin	Sep. 18, 1954	6	1	6	3	"	D	Brown clay boulders 3;grey limestone 40.
NWBR	" 1	H. M. Mains	"	Aug. 15, 1954	5	1	8	4	"	D	Brown clay boulders 24.
NWBR	" 1	J. F. Adams	"	Aug. 18, 1954	5	1	16	8	"	D	Brown clay boulders 8;grey limestone 18.
NWBR	" 2	A. Peacock	"	Jun. 30, 1954	5	1	"	9	"	D	Brown clay boulders 17;gravel 18.
NWBR	" 5	G. Stephens	"	Oct. 25, 1953	5	1 1/2	28	4	"	D	Brown clay shale 3 1/2;grey limestone 28.
NWBR	" 6	R. M. Jewell	"	Oct. 15, 1953	5	1	"	5	"	D	Shale limestone 3;grey limestone 28.
NWBR	" 8	J. Clark	C. D. Weaver	Mar. 22, 1954	6	5	5	5	Sulphur	D	Black loam 1;grey limestone 45.
NWBR	" 14	G. Chirpaugh	"	Sep. 15, 1953	5	2 1/2	5	5	Fresh	D	Brown earth 4;grey limestone 27.
NWBR	" 14	C. A. Morris	"	Sep. 20, 1953	5	3	5	5	"	D	Shaly limestone 6;grey limestone 27.
PRN	" E	J. A. Laidlaw	W. H. Baldwin	Aug. 13, 1954	5	1	10	9	"	D	Brown clay boulders 7;grey limestone 29.
Bobcaygeon											
Bobcaygeon		L. R. Cooper	G. Hart & Sons	Feb. 7, 1953	5	2 1/2	"	5	Fresh	D	Shale limestone 3;limestone 10.
Bobcaygeon		C. R. Beck	"	Mar. 19, 1953	5	1 1/2	"	12	"	D	Limestone 44.
Bobcaygeon		S. Higgins	"	Jun. 11, 1953	5	6 1/2	16	16	"	D	Clay boulders 24;limestone 32.
Bobcaygeon		A. J. McNaughton	"	Aug. 1, 1953	5	6	9	9	"	D	Broken limestone 2;solid limestone 23.
Bobcaygeon		C. Read	"	Aug. 20, 1953	6	6	12	12	"	D	Clay boulders 9;limestone 40.
Bobcaygeon		W. D. Thomas	"	Nov. 26, 1953	6	7	72	8	"	D	Clay broken limestone 9;solid limestone 72.
Carden Twp.											
Con III	lot 18	P. C. Chrysler	W. H. Baldwin	Jul. 13, 1954	5	2	11	9	Fresh	D	Brown clay boulders 8;grey limestone 20.
Con III	" 18	J. McClintock	"	Aug. 13, 1954	5	1	12	9	"	D	Brown clay boulders 9;grey limestone 29.
Con III	" 19	M. J. Donald	"	Jun. 26, 1954	6	1	38	22	"	D	Brown clay boulders 19;grey limestone 41.
Con III	" 19	C. Young	"	Jul. 5, 1954	6	2 1/2	42	31	"	D	Brown clay boulders 20;grey limestone 45.
Con III	" 19	J. Lawless	"	Jul. 14, 1954	6	1 1/2	32	21	"	D	Brown clay boulders 20;grey limestone 35.
Con IV	" 20	J. Robson	"	Aug. 2, 1954	5	1 1/2	19	17	"	D	Brown clay boulders 18;grey limestone 46.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
VICTORIA COUNTY-cont.										
Carden Twp.cont.										
Con VI lot 9	L.Fitzgerald	C.D.Weaver	Nov.15,1954	6	4	13	7	Fresh	D,S	Clay boulders 7;grey limestone 54.
Con VII " 2	G.Abbot	W.H.Baldwin	Sep.15,1953	5	1		3	"	D	Brown clay 7;grey limestone 33.
Con VII " 2	A.Lang	"	Sep.30,1953	6	1		6	"	D	Dug well 7;hard grey limestone 12.
Digby Twp.										
Con I lot 23	P.Felstead	C.D.Weaver	Jul.10,1954	6	4	36	30	Fresh	D	Soil 6;limestone 58.
Con I " 26	D.Young	W.H.Baldwin	Aug.23,1954	5	1	10	3	"	D	Brown clay boulders 3;grey limestone 21.
Eldon Twp.										
Con VII lot 23	J.McGillvary	W.H.Baldwin	Dec.10,1953	6	1		10	Fresh	D	Brown clay shale 6;grey limestone 43.
Con X " 2	C.Black	"	Feb.22,1954	5	1	17	15	"	D,S	Brown clay boulders 15;grey limestone 27.
Con X " 32	M.Ricks	C.D.Weaver	Sep.30,1953	5	1		20	Sulphur	D,S	Brown clay boulders hardpan 35;grey limestone 47.
Con X " 59	D.Carey	W.H.Baldwin	Sep.25,1954	5	1	10	8	"	D	Brown clay shale 2;grey limestone 31.
Con XI " 22	W.Evens	C.D.Weaver	Dec.15,1954	6	5	9	7	Fresh	S	Clay boulders 14;grey limestone 27.
PRS " 42	R.McKay	W.H.Baldwin	Oct.19,1954	5	1	25	15	"	D	Brown clay 20;clay quicksand 25;hard grey clay gravel 49.
PRS " 43	G.Turner	C.D.Weaver	Aug.15,1954	6	1	75	51	"	D	Sand gravel 75.
Emily Twp.										
Con I lot 12	School SS #9	H.N.Faulkner	Dec. 5,1953	6 1/2	7	53	40	Fresh	P	Dug well 40;sand clay 65;gravel 68.
Con II " 20	J.L.Faulkner	"	Feb. 6,1953	6 1/2	17	60	30	"	D,S	Till 90;gravel 93.
Con III " 4	R.Brooks	"	May 28,1954	6	7	15	15	"	"	Top soil 2;blue clay pebbles 30;gravel shale rock 36.
Con III " 12	A.McQuade	W.Sanderson	Dec. 6,1954	6 1/2	8	70	40	"	D	Sandy top soil 2;brown clay stones 20;sand 40;blue clay 84; gravel 85.
Con III " 23	E.Chamberlain	W.Sanderson	Mar. 1,1954	6 1/2	18	34	29	"	D	Dark top soil 2;brown clay boulders 35;blue clay 44;coarse gravel 46.
Con IV " 15	H.Dick	"	Oct. 4,1954	6 1/2	6	40	23	"	D	Top soil 2;brown clay 25;blue clay 56;gravel 57.
Con IV " 23	E.Williams	H.N.Faulkner	May 11,1954	6	4	10	8	"	D	Top soil 2;blue clay large stones 34;blue clay gravelly hardpan 48;some clay gravel 58.
Con IV " 23	I.Moore	"	Nov.26,1954	6 1/2	2 1/2	50	12	"	D	Top soil 2;large stones clay 60.
Con V " 3	G.Lang	W.Sanderson	Sep.23,1953	6 1/2	12	40	22	"	D,S	Top soil 2;brown clay 35;blue clay 50;sandy gravel 53;coarse gravel 55.
Con VIII " 12	B.Campbell	H.N.Faulkner	Jul. 8,1954	6 1/2	10	31	30	"	D	Top soil 1;sandy clay stones 6;gravel 41.
Fenelon Falls										
	M.Lee	G.Hart & Sons	Feb.23,1953	6	2	29	2	Fresh	D	Gravel 2;limestone 30.
	E.W. & J.Baker	"	May 15,1953	5	1 1/2		17	"	P	Clay stone 30;limestone 42.
	I.D.Lawrence	"	Apr.22,1954	5	1 1/2	72	18	"	D	Brown top soil 2;light brown clay stones 14;limestone 72.
	J.Armstrong	"	Apr.24,1954	5	1		10	"	D	Brown clay stones gravel 30.
	A.Birch	"	May 3,1954	5	1	70	8	"	D	Top soil brown clay 6;limestone 70.
Fenelon Twp.										
Con II lot 22	School SS #9	G.Hart & Sons	May 22,1953	5	1 1/2		2	Fresh	P	Top soil 3;grey clay stone 21;fine stone 25 1/2.
Con II " 30	T.C.McNish	C.D.Weaver	Jun.15,1954	6		66	42	"	D	Soil boulders 10;limestone 66
Con III " 29	G.Elliott	W.H.Baldwin	Oct.25,1954	5		6	5	"	D	Brown clay 23;boulders gravel 25.
Con III " 30	G.Erwin	C.D.Weaver	Jun.20,1954	6	4	11	5	"	D	Boulders soil 5;limestone 34.
Con IV " 24	R.G.Burnett	G.Hart & Sons	Sep.15,1953	5				"	"	Previously drilled 31;limestone 66. Dry Hole.
Con V " 6	R.Inglis	"	Apr.23,1953	6	1	33	4	Fresh	D,C	Brown clay stone 6;limestone 35.
Con VIII " 4	W.Heathcock	"	Jul.26,1954	5	2 1/2		12	"	D	Blue clay sand 24.
Con VIII " 8	D.M.Thompson	"	May 28,1954	5	1		10	"	D	Soil 8;limestone 17.
Con VIII " 9	F.Norton	"	Jul.29,1954	5	1 1/2	16 1/2	7	"	L	Clay stone 14;limestone 16 1/2.
Con VIII " 26	F.M.Perrin	"	Oct.22,1954	5	1		11	"	D	Clay 30;gravel 32.
Con VIII " 28	I.E.Epps	"	Jun.13,1953	5	1 1/2		3	"	D	Clay stones 10;limestone 11.
Con VIII " 28	R.N.Pearce	N.L.Pearce	Nov.21,1953	6	1 1/2	30	2	"	S	Brown clay gravel 10;brownish shaly limestone 35.
Con VIII " 31	M.Furdal	G.Hart & Sons	Aug.16,1953	5	1		6	"	C	Clay stones 3;limestone 25.
Con VIII " 31	G.Hart	"	Jan.15,1954	8	1 1/2		0	"	D	Clay stone 5;limestone 12 1/2.
Con VIII " 31	B.Bennett	"	Aug.20,1954	5	1 1/2		10 1/2	"	D	Clay stone 20.

## VICTORIA COUNTY cont.

## Fanelon Twp. cont.

Genesee Twp. Cont.											
Con VIII	lot 31	B. Bennett	G. Hart & Sons	Sep. 11, 1954	5	1½	8½	Fresh	D	Clay stone 19½.	
Con VIII	" 32	"	"	Sep. 19, 1953	5	1½	1½	"	D	Clay 1; limestone 15.	
Con VIII	" 32	"	"	May 5, 1954	5	1	9	"	D	Clay stone 19.	
Con IX	" 15	A. J. Bonathan	"	May 15, 1954	5	1½	40½	30½	D	Clay stone gravel 16; limestone 40½.	
Con IX	" 15	B. Ainslie	"	Aug. 10, 1954	5	1	8	"	D	Clay stone 8; limestone 32.	
Con IX	" 20	C. Gardiner	"	Dec. 28, 1954	5	8	44	44	S	Brown clay 3; grey limestone 122.	
Con IX	" 22	F. W. Crossley	"	Jun. 17, 1954	5	3	2	"	D	Clay stone 7; limestone 25.	
Con X	" 3	B. Dunford	N. N. Faulkner	Jun. 30, 1954	6½	3	25	15	D, S	Top soil 1; brown clay 4; grey limestone 30.	
Con X	" 18	Castle/Duffield	G. Hart & Sons	Aug. 18, 1954	5	2	12	1	Slightly Sulphur	Shale rock 12; grey limestone 25.	
Con X	" 20	Doyle Bros.	"	May 18, 1954	5	"	"	"	P	Shale rock 2; limestone 28. Dry hole.	
Con X	" 21	J. Arnold	"	May 24, 1954	5	1	25	4	Fresh	Shale rock 2; limestone 25.	
Con XI	" 21	J. Lewis	"	May 10, 1954	5	1½	"	2	Sulphur	Clay 2; limestone 14.	
Con XI	" 29	O. Read	"	Jul. 4, 1953	5	1	"	5	Fresh	Gravel 8; clay stone 15½.	
Laxton Twp.											
Con V	lot 8	J. Barker	W. H. Baldwin	Aug. 30, 1954	5	1	40	35	Fresh	D, C	Brown clay boulders 1½; grey limestone 40; freestone 53; granite 55
Con V	" 12	C. McDonald	"	Aug. 18, 1954	5	1	12	9	"	D	Shale limestone 3; grey limestone 45.
Con VI	" 8	G. Putrus	"	May 20, 1954	5	1	10	8	"	D	Brown clay shale 3; soft brown rock 39; black granite 42.
Con XI	" 4	F. Murphy	G. Hart & Sons	Jun. 14, 1954	5	1½	"	4	"	D	Clay stone 4; gravel rock 23½.
Con XI	" 4	J. Northey	"	Aug. 3, 1954	5	3	20½	16½	"	D	Clay stone 8; granite 20½.
Con XI	" 6	J. Bartley	M. Brohm	Jul. 15, 1953	5	"	"	3	"	"	Blue and grey clay 25; greyish blue quicksand boulders 29.
Con XI	" 6	"	"	Jul. 18, 1953	5	"	"	2	"	"	Abandoned because of quicksand.
Con XI	" 6	"	"	Jul. 22, 1953	5	"	"	2	"	"	Fill 4; grey and blue clay 6; blue and grey quicksand boulders 19. Abandoned.
Con XI	" 6	"	"	Jul. 22, 1953	5	"	"	2	"	"	Fill 4; blue and grey clay 6; blue and grey quicksand boulders 19. Abandoned.
Con XI	" 6	"	"	Jul. 25, 1953	5	"	"	2	"	"	Fill 4; grey and blue clay 6; blue and grey quicksand boulders 19; Abandoned.
Mariposa Twp.											
Con IV	lot 8	W. Stacey	G. Hart & Sons	Apr. 1, 1954	5	1	14	"	Fresh	D	Brown clay stones 43.
Con V	" 15	T. Overton	"	Mar. 28, 1953	6	8	10	6	"	D	Brown clay 10; limestone 19.
Con V	" 15	R. Casey	"	Mar. 17, 1954	5	1½	"	9	"	D	Clay stone 13; limestone 18½.
Con V	" 16	A. Reid	"	Mar. 19, 1954	5	7	"	4	"	D	Clay stone 8; limestone 17.
Con V	" 17	G. Greenway	"	Oct. 6, 1953	5	1	47	21	"	D	Clay stones 17; limestone 47.
Con VII	" 7	M. Walton	"	Apr. 12, 1954	5	1	"	6	"	D	Clay stone 15; sand gravel 30.
Con VIII	" 1	A. M. Huston	C. D. Weaver	Feb. 4, 1954	6	3	40	40	"	D	Old well 40; grey quicksand boulders 60; grey limestone 114; gravel 115; grey limestone 116.
Con VIII	" 16	J. Thorndike	G. Hart & Sons	Nov. 9, 1953	5	1	"	35	"	S	Clay stone 30; limestone 66.
Con IX	" 15	Regent	N. N. Faulkner	May 19, 1953	8	20	15	4	"	C	Till 10; limestone 42.
Con IX	" 16	Refining Ltd.	"	"	"	"	"	"	"	"	"
Con IX	" 16	P. M. McCorvie	C. D. Weaver	Aug. 30, 1953	5	2½	27	27	Slightly Sulphur	D	Fill 3; brown soil 8; grey limestone 97.
Con XIII	" 12	H. A. Flett	G. Hart & Sons	Nov. 30, 1954	6	"	"	"	"	"	Brown clay 2; clay gravel 22; grey limestone 130. Dry hole.
Omeme		P. Edwards	N. N. Faulkner	Jan. 21, 1953	6½	13	20	5	Fresh	C	Clay 53; gravel 55.
Omeme		Christ Church	"	Apr. 14, 1953	6½	3	"	Flows	D	Till 15; clay 45; gravel 46.	
Omeme		M. Gallagher	H. C. Gallagher	Aug. 31, 1953	6	1	15	5	"	D	Grey clay 12; blue clay 16.
Omeme		H. McQuade	W. Sanderson	Sep. 12, 1953	6½	30	15	4½	"	D	Old well 18; blue clay 57; gravel 58.
Omeme		J. White	"	Sep. 15, 1953	6½	20	20	4	"	D	Old well 8; blue clay 56; gravel 57.
Omeme		W. McQuade	"	Dec. 1, 1953	6½	18	27	7	"	D	Old well 10; blue clay 62; gravel 63.
Omeme		W. Downing	"	Dec. 3, 1953	6½	17	18	12	"	D	Old well 18; blue clay 59; gravel 60.
Omeme		A. Jamieson	"	Mar. 5, 1954	6½	30	25	12	"	D	Dark top soil 2; blue clay boulders 20; sticky blue clay 56; coarse gravel 58.
Omeme		H. Hill	N. N. Faulkner	Jun. 1, 1954	6	17	43	4	"	D	Top soil 2; blue clay 57; coarse gravel 58.
Omeme		P. Latchford	W. Sanderson	Jun. 24, 1954	6½	80	20	10	"	D	Old well 21; blue clay 31; gravel 32.
Omeme		L. Parsons	"	Jul. 27, 1954	6½	36	18	14	"	D	Old well 13; blue clay 51; gravel 52.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
VICTORIA COUNTY-cont.										
Ops Twp.										
Con I lot 22	N.Nugent	W.Sanderson	Jul.26,1954	6½	6	30	13	Fresh	D	Top soil 2;brown clay stones 20;blue clay 36;hard limestone 49.
Con I " 22	H.Owen	G.Hart & Son	Sep.24,1954	5	8	32	32	"	D	Old well 14;grey limestone 34.
Con III " 20	Bagshaw Lumber	N.N.Paulkner	Nov.12,1953	6½	5	50	9	"	In	Till 30;limestone 62.
Con III " 21	W.C.Outram	"	Jul.20,1953	6½	1½	90	20	"	D	Till 20;limestone 100.
Con IV " 22	M.Moynis	"	Jun. 8,1954	6½	3	57	42	"	D	Top soil 2;brown clay 15;grey clay 29;grey limestone 62.
Con IV " 23	E.T.Haist	"	Oct.31,1953	6½	5	50	10	"	D	Till 52;limestone 74.
Con IV " 23	C.M.Sleep	"	Nov. 5,1953	6½	17	20	10	"	D,S	Till 39;gravel 40.
Con IV " 29	S.Moore	"	Jan.23,1954	6½	6	20	10	"	D,S	Dug well 15;limestone 83.
Con V " 16	S.McIntosh	C.D.Weaver	May 15,1953	6	2½	12	12	"	D	Brown and grey clay hardpan 12;grey limestone 52.
Con V " 16	J.Eakins	"	May 20,1953	6	2½	6	6	"	D	Hardpan grey clay 8;grey limestone 48.
Con V " 16	L.Robertson	N.N.Paulkner	Oct.15,1954	6½	17	50	33	"	D	Top soil 2;brown clay stones 25;grey clay 100;sand gravel 114.
Con V " 28	A.Archer	"	Sep. 7,1954	8	6	60	40	"	D,S	Top soil 2;grey clay stones 14;limestone 76.
Con VII " 15	L.Wright	W.Sanderson	May 13,1954	6½	12	30	3	"	D	Top soil 2;blue clay stones 30;blue clay 44;gravel 46.
Con VIII " 21	School SS #2	N.N.Paulkner	May 7,1954	6	12	25	3	"	D	Top soil 2;brown clay small stones 30;shale rock small stones 34;blue limestone 43.
Con VII " 27	E.Smith	"	Jun.26,1954	6½	3	38	10	"	D	Top soil 1;brown clay boulders 12;grey limestone 43.
Somerville Twp.										
Con III lot 3	F.Telford	C.D.Weaver	Oct. 1,1954	6	5	11	9	Fresh	S	Blue clay boulders 9;limestone 74.
Con III " 16	H.Cavan	G.Hart & Sons	Jan.26,1954	5	1	21	21	"	D	Clay stone 16;limestone 28.
Con III " 22	C.Butler	"	Jan.13,1953	5				"	D	Dug well 14;limestone 64. Dry hole.
Con III " 22	"	"	Jan.22,1953	5	1	4	4	Fresh	S	Clay stone 11;limestone 42.
Con IV " 14	G.Hugher	C.D.Weaver	Mar.15,1954	6	8	18	18	"	D	Cellar of house 6;grey limestone 45.
Con VI " 19	H.T.Dales	"	Aug.19,1953	3	2½	6	6	"	D	Limestone 27.
Con VI " 20	G.Thompson	G.Hart & Sons	Jun.26,1953	5	1½	3	3	"	D	Limestone 15.
Con VI " 20	Dr.B.Beaton	C.D.Weaver	Aug.28,1953	5	2½	6	6	"	D	Shaly limestone 5;limestone 30.
Con IX " 11	Ont.Dept.Lands & Forests	G.Hart & Sons	Oct.10,1953	6	4	48	48	"	D	Sand 8;granite 62.
Con XI " 4	C.G.Benson	"	May 27,1953	5	1½	12	12	"	D	Clay stone 12;granite 25.
FR " 15	T.Rodger	"	Jul.28,1953	5	1½	4½	4½	"	D	Sand 2;clay stone 10;limestone 13½.
FR " 38	S.Weaver	C.D.Weaver	Mar.30,1953	5	2½	48	48	"	D	Grey limestone 45;gravel 50;grey limestone 66.
FR " 38	D.Povey	G.Hart & Sons	Jul.15,1954	5	2½	17	17	"	D	Brown clay stone 27;limestone 46.
FR " 65	L.Fielder	"	Oct.14,1954	5	½	37	7	"	D	Clay stones 8;granite 37.
Verulam Twp.										
Con I lot 23	O.Eason	G.Hart & Sons	Feb.27,1953	6	8	12	12	Fresh	D	Previously drilled 14;limestone 23.
Con I " 23	W.J.Perryman	"	Mar.12,1954	5	10	9	9	"	D	Clay stone 16;limestone 27½.
Con II " 5	N.White	"	Nov.23,1953	5	1	28	28	"	D	Clay stone 18;limestone 37.
Con II " 13	G.Thompson	N.N.Paulkner	May 14,1954	6½	10	21	20	"	D	Top soil 1;brown sandy clay boulders 16;gravel 26.
Con II " 13	E.Wright	"	May 18,1954	6½	5	23	22	"	D	Top soil 1;brown sandy clay boulders 15;gravel 26.
Con II " 13	W.Lisutin	"	May 22,1954	6½	5	22	21	"	D	Top soil 1;brown sandy clay boulders 16;gravel 25.
Con II " 13	B.Ebison	"	May 24,1954	6½	5	20	19	"	D	Top soil 1;brown sandy clay boulders 14;gravel 23.
Con II " 13	S.Collins	"	May 26,1954	6½	5	21	20	"	D	Top soil 1;brown sandy clay boulders 15;gravel 24.
Con II " 13	J.W.West	"	May 29,1954	6½	5	23	22	"	D	Top soil 1;brown sandy clay boulders 15;gravel 26.
Con II " 13	A.C.Tyler	"	Jun. 1,1954	6½	5	20	19	"	D	Top soil 1;brown sandy clay boulders 16;gravel 23.
Con II " 21	School SS# 13	G.Hart & Sons	Apr.20,1953	4	1½	9	9	"	P	Sand gravel 28;limestone 32.
Con II " 30	A.Goodhand	"	Jan.30,1954	5	5	40	18	Sulphur	D,S	Old well 25;limestone 85.
Con III " 4	R.Morton	"	Nov.26,1953	5	2	16	14	Fresh	D	Previously drilled 10;limestone 20.
Con IV " 11	E.Kennedy	N.N.Paulkner	Jun.18,1954	6½	3	51	4	"	D	Top soil 2;dark clay 4;grey limestone 56.
Con V " 5	E.White	G.Hart & Sons	Dec. 5,1953	5	2½	53	53	"	D	Clay stones 18;limestone 60.
Con VII " 17	G.M.Lee	"	Sep.11,1953	6	5	23	23	"	D,S	Brown clay boulders 29;grey limestone.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION		OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY cont.											
North Dumfries Twp. cont.											
GRES Con VII lot 1		Lockie Bros.	J. Sauder	Sep. 24, 1953	5	17	135	135	Fresh	D, S	Top soil 2; yellow clay stones 25; soft blue clay stones 55; red clay 60; medium hardpan 88; stones 90; hardpan 98; limestone 99; gravel stones 148; hardpan 187; sandy clay 192; hardpan 212; solid sandstone 225; red shale 228; limestone 269; rock 270.
GRES Con IX "	1	K. Watola	L. Purdy	May 22, 1954	5	18	22	22	"	D	Dark soil 3; clay stones 21; hardpan clay gravel 45; sand 60; fine gravel 66.
GRES Con X "	1	C. Houseworth	H. A. Kerr	Sep. 2, 1953	4	15	90	68	"	D, S	Clay boulders 10; sandy clay boulders 16; gravel sand 117; fine gravel 123; rock 148.
GRES Con X "	1	Martin/Stevens	J. Janzen	Jul. 28, 1954	6 1/2	10	50	50	"	D	Top soil 2; yellow clay boulders 33; sand 54; gravel 65.
GRWS Con VII "	3	C. E. Knowles	A. Kerber	Jun. 9, 1954	4 1/2	6	170	170	"	D	Brown clay boulders 30; fine yellow sand 70; blue clay 120; clay quicksand 220; blue limestone 235.
GRWS Con IX "	3	H. Wright	"	Dec. 23, 1953	4 1/2	4	60	30	"	D	Top soil 2; yellow sand gravel 12; clay heavy boulders 50; limestone 58; very hard limestone 70; medium hard limestone 85.
Preston		Preston Pub. Utilities Power Comm.	I. Lounsbury	Oct. 6, 1953	8	6	60	20	Fresh	P	Gravel stone 41; limestone 70.
Waterloo		G. Raymond	E. McLaughlin/Son	Jun. 18, 1953	6	35	44	40	Fresh	C	Black loam top soil 2; quicksand 8; blue clay 36; grey clay gravel stones 58; clay and gravel mixed 73; hardpan gravel some clay 95; running dirty sand gravel 97; hardpan gravel some clay 115; very solid hardpan gravel 126; hardpan gravel some clay 131; brown shale rock 138.
Waterloo		Sunshine Waterloo Co.	E. McLaughlin/Son	Jul. 3, 1954	7	50	40	21	Fresh	In	Top soil 1; hardpan 3; clay 10; quicksand 13; clay 28; quicksand 34; clay 66; hardpan 124; boulders clay 129; hardpan 161; hard limestone 170; soft limestone 175; hard limestone 182.
Waterloo Twp.											
BNT lot 2		A. Smith	J. Janzen	Nov. 25, 1954	6	7	30	30	Fresh	D	Top soil 2; sand gravel 11; blue clay 50; gravel 59.
BUT		Red Lion Inn	E. McLaughlin/Son	Aug. 1, 1953	6 1/2	20	56	42	"	P	Dug well 18; clay gravel 27; grey clay 42; clay gravel 50; gravel little clay 55; hardpan gravel little clay 66; gravel little sand 71.
BUT		L. Cluthe	"	May 1, 1954	7	25	42	30	"	P	Dug well 27; clay gravel 34; clay 56; hardpan 68; gravel 70.
BUT		A. Lefever	J. Sauder	Nov. 26, 1954	7	20	6	Flows	Slightly Sulphur	D	Top soil 3; tunnel 7; blue clay stones 29; gravel 30.
BUT		J. B. Wilfong	"	Nov. 29, 1954	5	3	Flows	Flows	"	D	Top soil 2; blue clay stones 72; gravel 74.
BUT		V. McClennan	"	Dec. 13, 1954	5	12 1/2	80	60	Fresh	D	Top soil 2; yellow sand 8; brown clay gravel 22; blue clay stones 94; yellow sand some clay 108; sand 112.
BBP lot 8		J. Milloy	A. Kerber	Sep. 27, 1954	4 1/2	6	70	70	"	D	Top soil 3; gravel stones 6; hardpan boulders 78; gravel coarse sand 95.
BBP "	9	School	J. L. Graham	Jul. 3, 1953	6 1/2	10	81	76	"	P	Clay stones 10; clay 50; clay gravel 95; sand 100; coarse gravel 106 1/2.
BBP "	10	H. Hessaenaur	"	May 3, 1954	5	6	85	81	"	D	Sand 12; sandy clay 21; gravel 24; sand some clay 33; blue clay 56; sand gravel 63; clay hardpan 71; sand gravel 80; clay stones 103; clay fine stone 119; sand 131; gravel 136.
BBP "	10	A. J. Dewdney	"	Nov. 17, 1954	5	5	92	87	"	D	Sand stones 40; brown clay 77; sand 83; clay 123; sand clay 129; gravel 145.
BBP "	14	H. B. Taylor	E. McLaughlin/Son	Jun. 5, 1954	7	20	35	9	"	D	Top soil 8; quicksand 34; coarse sand 38; gravel 42.
BBP "	14	P. Steep	A. Kerber	Jun. 19, 1954	5 1/2	10	45	45	"	D	Sand gravel heavy boulders 30; hardpan 95; limestone 110.
BBP "	14	E. Welland	E. McLaughlin/Son	Dec. 15, 1954	5 1/2	20	66	60	Fresh	D	Top soil 1; clay 6; gravel 18; hardpan 35; clay 61; hardpan 90; gravel hardpan 91.
BBP "	18	J. Bauer	H. A. Kerr	Dec. 17, 1953	4	15	125	106	"	D, S	Clay boulders 50; stony clay 74; sand streaks stony clay 92; till 138; coarse sand 139; rock 235.

## WATERLOO COUNTY cont.

Waterloo Twp. cont.

BBF	lot 24	A.Kerr	E.McLaughlin/Son	Apr.30,1953	6½	35	100	65	Fresh	D	Top soil sand 4;rough coarse gravel boulders 18;clay hardpan 60;dirty sand clay seams 90;hardpan 115;limestone 139.
BBF	" 26	H.Waimel	"	Jun.21,1954	5½	20	78	68	"	D	Top soil 1;sand 5;clay gravel 18;clay gravel streaks of quicksand 25;hardpan streaks of clay 72;hardpan 81;boulders hardpan gravel 87;limestone 128.
BLB Con I	" 4	Preston Pub. Utilities/Comm	I.Lounsberry	Mar. 8,1954	12	100	135	23	"	P	Top soil 3;sand 11;gravel stones 49;limestone 390.
BLB Con I	" 5	C.McGinness	E.McLaughlin/Son	Dec.30,1954	7	5	27	20	"	In	Dug well 12;gravel 15;hardpan 29;gravel 30.
BLB Con II	" 6	J.D.Schill	G.L.Davidson	Dec. 3,1954	4½	10	72	72	"	D	Sand 15;gravel 25;sand gravel 28;sand 95;clay 102;sand 112; gravel 117.
BLB Con II	" 6	R.I.Gordon	"	Dec.18,1954	4½	10	59	59	"	D	Dug well 4;gravel stones 5;sand stones 20;sand 111;rock 116.
BLB Con II	" 11	N.Detwiller	H.A.Kerr	May 8,1954	4	15	80	64	"	D,S	Clay boulders 28;hardpan 86;sand 91;rock 139.
BLB Con II	" 12	R.Saddler	C.Hill	Nov.15,1954	4	10	60	35	"	D	Hardpan boulders 62;rough gravel 79;grey limestone 107.
BLB Con III	" 13	Hespeler Pub. Utilities/Comm	International Water Supply Ltd	1954	12	251	48	11	"	P	Fine sand 6;gravel clay 10;hardpan 20;clay gravel 32;brown limestone 43;grey limestone 126;grey and brown limestone 131; brown limestone 185;dark grey limestone 193.
BOS	" 4	K.Blair	J.L.Graham	May 22,1953	6½	12	53	48	"	D,S	Stony clay 10;clay sand 15;hardpan sand 25;clay 67;sand clay 74;hardpan stones 98;gravel 103.
BOS	" 11	Miss K.Cluthie	"	Aug. 1,1953	6½	15	24	23	"	D	Stones clay 20;sandy clay 40;gravel 47.
BOS	" 11	E.Woelf	Twin City Water Supply	Sep. 3,1953	4	20	45	45	Fresh	D	Gravel 26;hardpan 76;sand coarse gravel 80.
BOS	" 12	W.Tschurhardt	H.A.Kerr	Dec.25,1953	4	15	120	100	Sulphur	D	Sand 9;stony clay 29;clay 70;sand 80;clay 89;stony clay 99; clay 143;sand 151;stony clay 178;rock 191.
BOS	" 12	N.Gowdy	J.L.Graham	Aug. 7,1953	6½	8	61	56	"	D	Stones clay 10;sandy clay 60;gravel 75½.
BUB	" 6	A.MacDonald	P.J.Fischer	May 21,1954	3			44	"	D	Earth 15;clay 46;quicksand 60;lumpy clay 74;quicksand 94; small supply of cloudy water.
BUB	" 9	School SS #9	J.Sauder	Feb.12,1953	4	16	18		Flows Mineral	P	Fill 2;hardpan 20;blue clay 90;sandy blue clay 118;boulders 120;sand some blue clay 140;cemented sand 192;blue rock 212; rock 216.
BUB	" 9	F.Miller	G.L.Davidson	Sep. 7,1954	4	10	120	116	Fresh	D	Clay 10;sand 35;marl clay 65;hardpan 135;sandy gravel 140; hardpan 208;gravel 211;hard blue rock 234.
BUB	" 11	D.Bauman	J.Sauder	Aug.27,1953	5	12½	40	15	"	D,S	Open well 10;quicksand 30;yellow clay stones 60;blue clay sand 135;red clay sand 155;shale sand 170;rock 220;blue rock 260.
BUB	" 22	J.Herald	"	May 1,1953	5½	13		110	"	D	Top soil 2;yellow clay sand 90;coarse sand yellow and brown clay 107;sandy blue clay 153;hardpan 175;medium hardpan 182½; hardpan 190;hardpan boulders 194;medium hardpan 206½;blue clay 231;hardpan boulders 255;shale rock fine sand 261;solid rock 280;soapstone 285.
BUB	" 22	W.S.Gurton	"	Aug. 5,1953	5	14		40	"	D	Old well 30;running clay 50;sand 53;brown sand clay 85;running brown clay 110;brown sand 137.
BUB	" 28	A.Shmitt	"	Sep.25,1954	5	30	11		Flows	D	Open well 10;fine quicksand 122;blue clay stone 155;cemented gravel 163;red clay sand 220;hardpan 240;shale 258;rock 263.
BUB	" 30	A.Scheifle	J.Sauder	Aug.15,1954	5	13	45	43	"	D	Open well 10;sandy clay 17;soft running clay 52;blue clay 70; hardpan 87;sandy clay 110;sandy clay stones 120;blue clay 140; fine sand silt 180;cemented gravel 206;hardpan 214;blue clay 230;brown clay stone 242;limestone 249.
BUB	" 32	R.S.McPhail	E.McLaughlin/Son	Jun.22,1953	5	25	100	55	"	D,S	Clay 4;sand 22;sand gravel 30;blue clay 48;hardpan 57;quicksand 85;quicksand some gravel stones 110;hardpan gravel clay 190; fine sand 195;coarse sand 198;gravel 200.
BUB	" 32	H.Carey	"	Dec.10,1954	4½	20	120	90	"	D	Top soil clay 4;sand 27;clay 62;sand 85;fine sand 118;slightly coarse sand 130.
BUB	" 35	Kitchener Silo Co.	Twin City Water Supply	Mar.26,1954	4½	33	75	50	"	D	Top soil 10;sand clay 30;clay 85;gravel 107;hardpan clay 232; fine sand clay 265;solid rock 280.
BUB	" 39	N.Hintz	P.J.Fischer	Mar.17,1953	2	1½	88	88	"	S	Clay sand streaks 90;quicksand 155;coarse sand stone 158.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY cont. Waterloo Twp. cont. BUB lot 47	W.Ruddack	J.Sauder	Jun. 1, 1953	5 $\frac{1}{2}$	13		105	Fresh	D	Top soil 2; brown clay stones 10; blue clay 70; blue clay sand 76; quicksand 86; sandy clay 112; blue clay 120; quicksand 125; blue clay 175; fine sand 178; hardpan 296; rock 302.
BUB " 48	R.Taylor	E.McLaughlin/Son	Jan. 23, 1953	6 $\frac{1}{2}$	25	80	60	"	D, S	Red clay 6; loose sand gravel 10; sand little gravel 28; quicksand little gravel 34; sand 65; loose and moist fine gravel 75; fine sand fine gravel 95; fine running sand 105; fine sand 109; medium sand gravel 116; clay sand 118.
BUB " 48	R.Cronin	J.Sauder	Mar. 12, 1953	4	15		65	Sulphur	D	Blue clay stones 30; gravel clay 32; sand some clay 48; blue clay 65; hardpan 104; blue clay some sand 140; hardpan 170; blue clay 204; shale 220; rock 289.
BUB " 51	G.Hamacher	E.McLaughlin/Son	Sep. 7, 1954	5 $\frac{1}{2}$	15	20	18	Fresh	D	Top soil 1; clay 6; sand 24; quicksand 25; clay gravel 37; coarse sand 44.
BUB " 53	Centreville High School	"	May 23, 1953	7	25	38	20	"	P	Fill 5; top soil clay hardpan 20; sand few boulders gravel 35; coarse sand fine gravel 40.
BUB " 53	Smith Transport Ltd	Twin City Water Supply	Jun. 4, 1953	4	10	75	70	"	P	Quicksand 80; clay 220; sand 238; limestone 247.
BUB " 53	H.D.Zimmer	E.McLaughlin/Son	Jun. 2, 1954	4	5	57	48	"	D	Dug well 26; sand 42; coarse sand 55; fine sand 59.
BUB " 53	M.Steffler	"	Jul. 19, 1954	5 $\frac{1}{2}$	15	32	5	"	D	Top soil 1; clay 4; sand quicksand 16; sand 30; sand gravel 40; quicksand 42.
BUB " 53	E.Begerrol	J.Sauder	Dec. 11, 1954	5						Sand 25; quicksand 35; clay stones 170. Dry hole.
BUB " 54	H.Thaler	E.McLaughlin/Son	Apr. 22, 1954	5	25	38	20	Fresh	D	Top soil 1; sand 6; gravel 17; sand 22; quicksand 42; fine sand 59.
BUB " 54	B.Recciaha	A.Kerber	Jul. 28, 1954	4 $\frac{1}{2}$	2	20	20	"	C	Old well 18; quicksand 28; coarse sand 42.
BUB " 55	House of Refuge	J.Sauder	Jul. 18, 1953	5	13	81	71	Sulphur	D, S	Top soil 1; hardpan 14; yellow clay stone 30; sandy clay 50; blue clay sand 105; blue clay sand some stones 190; cemented sand 226; hard white rock 285.
BUB " 61	N.Dayell	E.McLaughlin/Son	Mar. 8, 1954	7	120	Flows	Flows	Mineral	P	Blue clay 87; hardpan 204; brown limestone 215; white limestone 218.
BUB " 61	R.Bean	J.Sauder	Oct. 26, 1954	5	15	84	84	Fresh	D	Dug well 25; yellow sand 50; blue clay 80; hardpan 95; sand clay 105; hardpan clay 145; cemented gravel 182; brown clay sand 194; hard blue rock 220.
BUB " 91	E.Constant	C.Hill	May 29, 1953	4	10	20	20	"	In	Sand 20; gravel 60; sand 85; limestone 130.
BUB " 97	N.Bennett	"	Jun. 22, 1954	4	8	100	55	"	D, S	Top soil fill 3; hardpan large boulders 131; shale rock 199; hard brown rock 220; light grey limestone 226.
BUB " 104	P.W.Wagner	"	Feb. 5, 1954	4	10	35	35	"	D, S	Dug well 30; hardpan 100; coarse gravel 114; limestone 150; grey slate 174.
BUB " 112	E.Dude	J.Sauder	Dec. 24, 1954	5	5	16	16	"	D	Top soil 2; gravel clay 8; blue clay 18; sand gravel 21.
BUB " 118	P.Schnieder	E.McLaughlin/Son	Jul. 24, 1954	5 $\frac{1}{2}$	15	160	150	"	D	Top soil 1; hardpan 6; sand 30; quicksand 36; sand 65; clay gravel 87; quicksand 90; clay gravel 124; hardpan 212; gravel 213.
BUB " 121	School SS #29B	J.L.Graham	May 1, 1954	5	8	57	52	Slightly Sulphur	P	Top soil 2; gravel 35; sandy clay 130; gravel 140; clay gravel 148; blue rock 152.
BUB " 121	H.Christman	J.Sauder	Jul. 3, 1954	5	13	85	85	Fresh	D	Brown sand clay 4; stones clay 8; fine quicksand 90; red clay 120; red clay sand 160; blue rock 197; slate 200.
BUB " 127	E.G.Snyder	J.L.Graham	Jun. 22, 1953	10	300	43	23	"	In	Sand 15; gravel 17; clay stones sand 64; white limestone 90; brown rock 121; grey rock 226.
BT	K.Gmack	E.McLaughlin/Son	May 19, 1954	7	25	90	47	"	D	Coarse sand 20; sand gravel small boulders 35; hardpan 47; blue clay 90; hardpan 145; gravel hardpan 164.
HT	School SS #7	H.A.Kerr	Aug. 19, 1954	6	15	6	3 $\frac{1}{2}$	"	P	Sand 19; soft blue clay 45; stony blue clay 59; sand 65; clay 75; fine gravel 81.
Wellesley Twp. ES Con I lot 13	E.Schmel	H.A.Kerr	Jun. 14, 1954	4	15	8	4	Fresh	D	Sandy clay 27; sand 197; rock 256.
ES Con I " 13	J.H.Pinn	G.L.Davidson	Nov. 1, 1954	4	12	14	10	"	D	Clay 3; sand 5; clay 100; sand 161; sand gravel 198; sand 208; blue limestone 230.

## WATERLOO COUNTY cont.

## Wellesley Twp. cont.

ES Con X	lot	5	N.Martin	J.Sauder	May 31, 1954	4	15	25	15	Fresh	D,S	Soft blue clay 75; blue clay 201; shale rock 226; solid soapstone 250.
ES Con XI	"	2	G.Hoffner	H.A.Kerr	Dec. 15, 1954	4	15	49	47	"	D,S	Dug well 37; hardpan 81; stones sand 110; gravel 114.
ES Con XIV	"	3	A.Weber	J.Sauder	Jun. 15, 1954	4	17	15	15	"	S	Fill 5; hardpan 30; blue clay 70; hardpan 76; brown clay 90; soft red clay 100; coarse sand clay 102; red clay sand 111; hardpan 120; brown clay sand 128; sand 138.
WS Con II	"	3	O.Jacobs	E.McLaughlin/Son	Sep. 8, 1954	5½	15	120	52	"	D	Top soil 3; clay 32; hardpan 38; coarse gravel 42; hardpan 123; gravel sand 128.
WS Con II	"	11	Maple View Church	H.A.Kerr	Jul. 12, 1954	4	15	90	80	"	F	Coarse sand 50; hardpan 355; rock 359.
WS Con III	"	3	D.Erb	E.McLaughlin/Son	Oct. 26, 1954	7	15	80	74	"	D,C	Top soil 1; sand gravel 18; clay 63; hardpan 90; gravel 92.
WS Con IV	"	1	N.Schultz	G.L.Davidson	Jun. 15, 1954	4	10	56	56	"	D,S	Clay sand gravel 60; sand gravel 94; clay sand 147; clay 169; soft shale 174; soft limestone 181.
WS Con IV	"	3	A.Jutzi	E.McLaughlin/Son	Oct. 18, 1954	5½	15	120	38	"	D	Top soil 3; clay 20; quicksand 28; clay 42; quicksand 48; clay 60; quicksand 65; clay 90; hardpan 124; gravel sand 130.
WS Con V	"	6	E.Ropp	H.A.Kerr	May 21, 1953	4	15	60	40	"	D,S	Dug well 33; hardpan 40; clay 52; hardpan 93; large boulders clay 111; clay 121; stony clay 142; sand 161; clay 180; stony clay 202; rock 258.
WS Con VI	"	3	R.Snyder	G.L.Davidson	Jun. 4, 1954	4	10	56	56	"	D,S	Clay 25; sand 66; clay sand 179; red clay 207; shale clay 218; brown limestone 230.
WS Con VII	"	8	L.Bigam	E.McLaughlin/Son	Mar. 11, 1953	6½	35	100	65	"	D,S	Red clay 26; quicksand 38; hardpan 72; blue clay 110; hardpan 260; fine sand 275; coarse sand 280; fine gravel 283; fine sand 315; red clay 320; limestone 333.
WS Con XI	"	1	M.Kipfer	J.Sauder	Dec. 7, 1953	4	13		68	"	D,S	Open well 17; blue clay 54; sandy blue clay 66; hardpan stone 84; blue clay sand 133; red clay some sand 180; soft blue shale 256; rock 258.
WS Con XI	"	5	W.Hahan	G.L.Davidson	Mar. 27, 1954	4	10	100	90	"	D,S	Clay 6; hardpan 54; sand 90; gravel sand 102; hardpan 150; red clay 158; hardpan 185; shale 205; soft bluish-brown rock 284.
WS Con XIV	"	21	I.Martin	F.L.Davidson	May 10, 1954	4	15	70	67	"	D,S	Clay 35; boulders clay 98; sand 118; gravel clay 178; shale 184; blue rock 211.
Willmot Twp. BRN	lot	1	W.Snyder	H.A.Kerr	Mar. 26, 1953	4	15	180	160	Fresh	D,S	Clay sand 69; sand 75; clay sand streaks 85; fine gravel 87; sand 108; fine gravel 110; sand 118; coarse sand 203; hardpan 232; sand 252; hardpan 283; sand 303; rock 321.
BRN	"	18	R.Seibert	H.A.Kerr	Apr. 14, 1954	4	15	40	26	"	D,S	Clay 22; boulder 24; clay 54; sand 190; clay 197; shale 231.
BRN	"	25	O.Danner	H.A.Kerr	Sep. 16, 1954	4	15	90	70	"	D,S	Fill 6; blue clay 90; boulders clay 170; limestone 181.
Block A ConII	"	14	E.Shantz	"	Nov. 15, 1954	4	15	20	5	"	D,S	Clay 62; hardpan 104; clay 152; sand 169; brown limestone 216.
Block A ConII	"	26	E.Cressman	"	Jan. 30, 1953	4	15	138	116	"	D,S	Clay 24; hardpan 28; sand 125; clay 143; stony clay 178; sand 199; shale 218; rock 251.
Block A ConIV	"	7	H.Poth	"	Oct. 23, 1953	4	15	90	74	"	D,S	Clay 18; sand 20; clay 56; marl 57; sand 138; hardpan 183; sand 219; sand gravel streaks 265.
Block A ConIV	"	7	G.Hess	J.Sauder	Apr. 2, 1954	4	17		30	"	D	Top soil 2; red-brown clay 17; blue clay 78; gravel clay 80; soft blue clay some sand 100; sandy clay 140; hardpan layers of sand 150; cemented sand 184; red clay some sand 208; sand clay seams 230; sandy blue shale 255; limestone 263.
Block A ConIV	"	31	A.Bender	E.Bell	Aug. 13, 1954	4	5	35	33	"	D,S	Old well 52; hardpan 65; clay stones 80; clay 100; very stony clay 133; limestone 157.
Block B ConIII	"	20	S.Schneider	G.L.Davidson	Feb. 22, 1954	4	10	36	36	"	D,S	Clay 40; till 100; sand 107; till 151; shale 162; hard grey rock 185.
Block B ConIV	"	18	E.Paff	"	May 5, 1954	4	35	Flows	Flows	"	D,S	Gravel 7; sand 14; clay 38; clay sand 105; sand 130; clay sand 144; shale 172; limestone 194.
ERS	"	12	Mennonite Church	F.L.Davidson	Jun. 24, 1953	4	8		130	"	D,S	Sand 100; gravel 156; till 208; clay 233; shale 290; blue limestone 311.
SRN	"	1	W.E.Potwarka	Twin City Water Supply	May 10, 1954	4½	20	100	100	"	D	Dug well 21; coarse sand 100; blue clay 106; fine sand 126; coarse sand gravel 163.
SRS	"	7	Tender Flesh Turkey Co.	H.A.Kerr	Jul. 9, 1953	4	15	120	104	Mineral	S	Clay 14; sand 133; clay 179; marl 180; clay 200; stony clay 213; shale 232; rock 247.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY cont. Wilmot Twp. cont. SRS lot 11	Central Ont T.V. Co.	A.Kerber	Mar.31,1954	4½	6	254	254	Fresh	C	Gravel 30;sand 220;fine sand 280;coarse sand 304.
Woolwich Twp. CTER BF lot 8	H.Ritter	E.McLaughlin/Son	May 17,1954	7	20	40	16	Fresh	D	Top soil 1;coarse gravel 18;clay gravel 32;hardpan 55;hardpan layers of gravel 60.
CTWR Con I " 1	W.Snyder	G.L.Davidson	Feb.10,1954	4	100	Flows	Flows	"	D,S	Till 58;sand 60;till 114;gravel sand 115;shale rock 121; limestone 143.
CTWR Con I " 2	I.Brubacher	"	Jan.30,1954	4	125	"	"	"	D,S	Clay 42;till 56;sand 63;till 90;sand gravel 106;till 110; sand gravel 151;blue shale 164;limestone 168.
GCT " 17	C.M.Millar	E.McLaughlin/Son	Jul. 3,1954	5½	15	40	20	"	P	Top soil 1;clay fine sand 10;hardpan 25;blue clay gravel 81;gravel 82.
GCT " 27	A.Bauman	J.Sauder	Oct.15,1954	4	12½	40	39	"	D,S	Fill 2;brown clay 27;quicksand 30;blue clay stones 98;sand 104;blue clay 136;sandy clay 149;blue clay 172;cemented sand 178;brown clay 184;sandy clay 202;brown clay stones 252; sand silt 282;shale rock 298.
GCT " 31	J.M.Ritchie	F.J.Fischer	Nov.20,1954	3	1½	43	20	"	D	Top soil 2;brown clay 10;blue clay 40;coarse and fine sand 53.
GCT " 32	H.C.Klaehn	J.Sauder	Nov.27,1953	4	15	35	35	"	P	Open well 38;hardpan 55;blue clay stones 85;running blue clay 100;coarse sand clay 108;sand brown clay 135;blue shale 163; hard blue rock 167.
GCT " 33	L.Gaessler	O.H.Gow	Oct. 1,1954	4	8	45	30	"	D	Dug well 30;hardpan gravel 130;gravel 135.
GCT " 41	A.Thiem	H.A.Kerr	Sep.17,1953	4	15	75	40	Sulphur	D	Blue clay 12;sand gravel 21;blue clay 35;brown clay 42;sand gravel 57;sand 100;sand clay 131;shale 153.
GCT " 41	W.Stahle	J.Sauder	May 15,1954	5	15	35	35	Fresh	D	Open well 39;hardpan 63;sand 65;hardpan some sand 88;sand 93.
GCT " 41	H.D.Mewhiney	O.H.Gow	Sep.22,1954	4	8	60	60	"	D	Dug well 20;yellow clay boulders 60;fine gravel 100.
GCT " 60	M.Martin	J.Sauder	Aug.20,1954	5	15	40	20	"	D,S	Top soil 2;yellow clay stones 18;brown clay stone 38;quicksand 44;fine silt 83;blue clay 88;brown and blue shale 137; limestone 140.
GCT " 74	F.Ubrig	O.H.Gow	Aug.16,1954	4	6	50	30	"	D	Heavy brown clay 80;fine gravel clay 104;gravel 105.
GCT " 74	Mrs.J.L.Jupp	"	Aug.21,1954	5	5	35	25	"	D	Brown clay 70;fine gravel 71.
GCT " 79	O.Martin	F.L.Davidson	May 5,1954	4½	14	40	32	"	D,S	Clay 9;sand 48;gravel clay 110;gravel 127;hard limestone 141.
GCT " 84	N.Martin	J.Sauder	Nov.18,1954	5	4	Flows	Flows	Sulphur	D,S	Top soil 3;blue clay stones 12;hardpan stones 28;hardpan 35; yellow clay stones 48;soft yellow clay 52;hardpan 73;fine sand some silt 79;soft blue clay 90;sandy clay 140;coarse sand yellow clay 151;shale rock 164;solid limestone 183; rock 184;whitish brown rock 225.
GCT " 86	D.Martin	G.L.Davidson	Sep.18,1954	4½	10	63	63	Fresh	D	Clay 25;hardpan 75;gravel sand 77;hardpan 100;gravel 105.
GCT " 87	W.Otto	J.Sauder	Apr.26,1954	4	15	90	60	"	D	Top soil 2;brown clay 14;yellow clay sand 75;blue clay 92; hardpan 103;sand 110;brown clay sand 140;medium sand clay streaks 202;blue shale 209;hard blue rock 219.
GCT " 90	D.M.Martin	F.L.Davidson	May 26,1954	4½	10	60	50	"	D,S	Clay 78;sand 140;limestone 142.
GCT " 94	H.Bowman	H.A.Kerr	Mar.10,1954	4	15	80	62	"	D,S	Dug well 33;clay 85;boulders 86;hardpan 100;sand 135;sand clay 188;shale 207;limestone 215.
GCT " 96	N.Weber	F.L.Davidson	Nov. 1,1953	4	15	40	15	"	D,S	Gravel 20;sand 37;till 87;gravel 104;till 129;gravel 150; shale rock 179;limestone 191.
GCT " 104	B.Martin	G.L.Davidson	Mar.10,1954	4	10	79	79	"	D	Clay 20;hardpan 75;clay 90;hardpan 180;clay 195;hardpan 202; shale 209;brown limestone 215.
GCT " 112	N.Weber	F.L.Davidson	Aug.13,1954	4	10	65	55	"	D	Till 172;rock 200.
GCT " 117	W.Burkhart	J.Sauder	May 7,1954	4	15	7	7	"	D	Top soil 2;quicksand 5;brown clay sand 26;hardpan 63;clay gravel 67;hardpan 110;yellow sand 120;brown clay 142;shale rock 147;white sandstone 152;limestone 153.

## WATERLOO COUNTY cont.

## Woolwich Twp. cont.

HT Con A	lot	5	E.Detweiler	J.Sauder	Jun.26,1954	5	13	44	Sulphur	D,S	Top soil 1;yellow clay stones 9;blue clay 40;blue clay stones 80;cemented gravel 88;blue clay stones 100;red clay 145;limestone 218.
<b>WELLAND COUNTY</b>											
<b>Bertie Twp.</b>											
BF	lot 15		F.Claus	S.Johnston/Son	Sep. 8,1953	5	10	12	9	Fresh	D Red clay 10;flint 27.
BF	" 32		R.Rich	L.Kramer	Jul.30,1953	6 1/2	25	15	14	"	D Sand gravel 10;flint 24.
BF	" 35		P.Toth	R.Schooley	Aug. 7,1954	6 1/2	4		8	Slightly Sulphur	D Clay 5;flint 23.
LEF Con I	" 16		A.Bosma	"	Jul.15,1953	6 1/2	4	7	7	"	D Blue clay 23;flint 31.
LEF Con I	" 19		H.Kalsey	"	Jul.11,1953	6 1/2	4	7	7	Fresh	D Sand 6;blue clay 22;grey limestone 33.
LEF Con I	" 19		E.Tangelder	W.Winger/Son	Dec. 3,1953	6 1/2	10	1	1	"	D Yellow clay 9;blue clay 18;rock 21.
LEF Con I	" 19		J.Pavekok	"	Sep. 3,1954	6	3	32	2	"	D Top soil 1;brown clay 10;sand clay 18;flint 32.
LEF Con I	" 19		H.Curyto	"	Oct. 2,1954	6	2	34	7	"	D Black loam 2;blue clay 20;dark flint 34.
LEF Con I	" 20		W.Dunlop	S.Johnston/Son	Oct.16,1954	6	7	26	10	"	D Sand 3;red clay 12;blue clay 16;limestone flint 31 1/2.
LEF Con I	" 21		B.F.Foster	"	Mar.18,1953	6	10	1	Flows	"	D Red clay 14;flint limestone 30.
LEF Con I	" 21		A.Clugston	"	Sep. 1,1953	6	9	7	4	"	D Red clay 20;hard flint 26 1/2.
LEF Con I	" 21		G.Metz	"	Sep. 5,1953	6	10	7	3	"	D Old well 16;black flint 21.
LEF Con I	" 21		Mrs. A.Barclay	"	Nov. 6,1954	6	10	10	Flows	"	D Red clay 12;blue clay 17;gravel sand 19;black flint 32.
LEF Con I	" 31		E.A.Wringer	L.Riddell	Oct. 8,1953	6 1/2	3	22	20	"	D Yellow clay 22;flint 35.
LEF Con I	" 35		J.Bisnett	S.Johnston/Son	Jul.26,1954	6	10	11	10	"	D Red clay 8;black flint 19.
LEF Con I	" 35		S.Koblis	R.Schooley	Jul.30,1954	6 1/2	4	6	6	Slightly Sulphur	D Clay 6;flint 19.
LEF Con II	" 11		F.Patrick	S.Johnston/Son	May 21,1953	6	1	13	3	Fresh	D Red clay 5;rock 13.
LEF Con II	" 11		P.Lang	"	Jun.20,1953	6	9	6	5	"	D Clay 2;hard limestone 51 1/2.
LEF Con II	" 13		J.A.McNaughton	"	Jul.11,1953	6	9	20	10	"	D Red clay 6;black flint 20;limestone 31.
LEF Con II	" 13		C.Dequino	L.Riddell	Oct.14,1953	6 1/2	3	11	10	"	D Clay 12;flint 28.
LEF Con II	" 13		C.Steinbrenner	W.Winger/Son	Nov.28,1953	6 1/2	10	10	10	"	D Clay 4;flint 29.
LEF Con II	" 13		J.Horne	"	Sep. 9,1954	6	10	15	9	"	D Stones loam 1;dark flint 25.
LEF Con II	" 15		A.Basma	R.Schooley	Jul.23,1953	6 1/2	4	11	11	Sulphur	D Sandy loam 12;shale 26;limestone 45.
LEF Con II	" 19		W.Dengler	S.Johnston/Son	Jun.12,1954	6	10		Flows	Fresh	D Red clay 7;blue clay 10;flint 13.
LEF Con II	" 19		E.Brost	"	Jul.15,1954	5	9	12	4	"	D Red clay 7;blue clay little hardpan 12;limestone flint 24.
LEF Con II	" 22		J.Munroe	W.Winger/Son	Feb.18,1954	6 1/2	9	26	13	"	D Till 2;flint 6;brown limestone 53.
LEF Con II	" 23		L.Moore	L.Riddell	Mar.16,1954	6 1/2	8	18	17	"	D Sand gravel 17;flint 36.
LEF Con II	" 31		H.Hunka	"	Dec. 3,1953	6 1/2			18	Sulphur	D Yellow clay 18;flint 28. Abandoned.
LEF Con III	" 8		P.Jackson	S.Johnston/Son	Feb.25,1954	6	5	13	10	Fresh	D Clay 3;flint 26.
LEF Con III	" 9		B.Ziff	W.Winger/Son	Jul.13,1954	6	2	35	10	"	P Crushed stone clay 2;hard flint 35.
LEF Con III	" 16		J.Konop	"	Sep.25,1954	6	4	27	8	Sulphur	S Top soil 1;brown clay 11;dark flint 27.
LEF Con III	" 17		R.Brendel	R.Schooley	Jul.29,1953	6 1/2	4	6	6	"	D Clay 9;shale 21.
LEF Con III	" 17		T.Docker	W.Winger/Son	Sep.23,1954	6	3	20	4	Fresh	D Brown clay 6;dark flint 20.
LEF Con III	" 17		J.Grabau	"	Nov.25,1954	6	2	10	6	Slightly Sulphur	D Top soil 2;dark flint 28.
LEF Con III	" 18		A.H.Petersen	S.Johnston/Son	Mar. 4,1953	6	9	12	12	Fresh	D Shake rock 2;hard limestone 43.
LEF Con III	" 18		R.Noyes	"	Oct. 7,1953	6	5	22	12	"	D Clay 4;hard limestone 29.
LEF Con III	" 18		E.Fryer	"	Oct.19,1953	6	2	35	8	Sulphur	D Soil gravel 2;limestone 38.
LEF Con III	" 18		R.McLenathan	"	Nov.14,1953	5	2	26	7	Fresh	D Clay 4;limestone 30.
LEF Con III	" 18		A.Domedion	"	Apr.10,1954	6	10	14	12	"	D Stones soil 2;hard limestone flint 25;slate rock 35;layers of hard shale 44.
LEF Con III	" 18		I.May	W.Winger/Son	May 1,1954	6	15	9	7	Slightly Sulphur	D Top soil 2;light coloured flint 16;limestone 42.
LEF Con III	" 18		A.Jozcorouski	"	May 3,1954	6 1/2	15	8	6	"	D Top soil 2;light coloured flint 17;limestone 39.
LEF Con III	" 18		M.Figlia	S.Johnston/Son	Jun.15,1954	6	2	42	20	Sulphur	D Clay stone 4;flint 30;limestone 47 1/2.
LEF Con III	" 18		R.E.Noyes	"	Sep.15,1954	6	2		8	"	D Red clay 2;hard white limestone 40;dark limestone 53.
LEF Con III	" 18		"	"	Sep.24,1954	6	5	21	18	Fresh	D Red clay 2;hard white limestone 20;slate layers of shale 29.
LEF Con III	" 20		G.Newsome	W.Winger/Son	Mar. 8,1954	6 1/2	8	34	30	"	D Gravel 2;shale 6;flint 11;limestone 56.
LEF Con III	" 20		P.Sallet	S.Johnston/Son	May 1,1954	6	10	50	50	"	D Red clay 3;limestone 30;slate 50;limestone slate 69.
LEF Con III	" 20		C.Heide	"	May 29,1954	6	9	50	50	"	D Loam soil red clay 3;limestone 30;slate 55;slate limestone 63.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLAND COUNTY cont.										
Bertie Twp. cont.										
LEF Con III lot 20	E.J.Stephenson	S.Johnston/Son	Aug.16,1954	6	7	48	46	Fresh	D	Loam soil slate 3;hard limestone 40;slate 65.
LEF Con III " 21	L.Hilliker	L.Riddell	Aug.20,1953	6½	3	36	35	"	D	Sand gravel 3;flint 64;shale 76.
LEF Con III " 21	J.Cutler	"	Mar.30,1954	6½	8	9	4	"	D	Sand 4;flint 21;brown limestone 40.
LEF Con III " 22	T.H.Peacock	S.Johnston/Son	Mar.24,1953	6½	9	22	20	"	D	Clay 2;limestone 30;slate 51.
LEF Con III " 23	W.Kelly	L.Riddell	Aug.29,1953	6½	15	2	2	"	D	Yellow clay 70;sand 76;shale 80.
LEF Con III " 32	G.Bysterbosch	W.Winger/Son	Oct.11,1954	6	11	15	13	Slightly Sulphur	D	Top soil 1;brown clay 12;blue clay 20;brown rock 44.
LEF Con VII " 1	J.Sciandra	"	Jul. 9,1954	6	15	14	12	"	D	Black loam 1;brown clay 15;blue clay 41;grey flint 47.
NRF Con I " 9	Port Erie Construction	L.Riddell	Jun. 4,1953	6½	7	9	9	Fresh	D	Sand 2;clay gravel 17.
NRF Con I " 9	A.Galo	"	Jul.20,1954	6½	7	9	9	"	D	Sand 2;clay gravel 18.
NRF Con II " 1	L.Bower	W.Winger/Son	Oct.30,1953	6½	25	30	30	"	D	Yellow clay 10;blue clay 41;rock 44.
NRF Con III " 7	I.Brancik	S.Johnston/Son	Jan.15,1953	6	9	20	18	"	D	Red clay 15;limestone 38½.
NRF Con III " 7	K.Bowman	W.Winger/Son	Dec. 1,1954	6	10	36	35	"	D	Brown clay 7½;limestone 44.
NRF Con V " 1	D.Rarford	L.Riddell	Jul.28,1954	6½	7	13	10	"	D	Clay 8;flint 15.
NRF Con V " 3	R.Moffat	S.Johnston/Son	Jul.27,1953	6	9	10	6	"	D	Red clay 15;shale rock 18.
NRF Con V " 6	W.McMinn	W.Winger/Son	Jul.16,1954	6	15	9	9	Slightly Sulphur	D	Brown clay 7;light coloured flint 11;brown limestone 30.
NRF Con V " 7	A.Jolst	S.Johnston/Son	Oct. 9,1953	6	5	22	20	Fresh	D	Clay 10;limestone 28½.
NRF Con VI " 1	H.Kramer	"	Jul.24,1953	6	9	18	7	"	D,C	Red clay 15;blue clay 25;rock 28.
NRF Con VI " 1	H.Benner	Knoll/Hallborg	Sep. 5,1954	6	10	20	20	"	D	Gravelly clay 35;black flint 45.
NRF Con VI " 4	J.Teal	W.Winger/Son	Sep. 6,1954	6	2	32	9	Slightly Sulphur	D	Loam 1;hard brown clay 9;flint 27;brown limestone 32.
247 NRF Con VI " 7	L.Detenbeck	S.Johnston/Son	Aug. 7,1953	6	9	24	22	Fresh	D	Red clay 6;limestone 34½.
NRF Con IX " 12	School SS #7	W.Winger/Son	Sep.15,1954	6	15	1	1	"	P	Topsoil 1;brown clay 17;red clay 62;gravel 66;blue shale 68.
NRF Con IX " 16	J.Willick	L.M.Smith	Apr.15,1953	6½			6	Sulphur	D	Blue stony clay 15;fine gravel 17;soft red clay 25;coarse gravel 28;grey limestone 30.
NRF Con XI " 1	G.Climenhaga	W.Winger/Son	Aug.12,1954	6	7	37	24	Fresh	D	Clay stones 2;shale rock 5;brown limestone 37.
NRF Con XII " 10	L.Rose	"	Dec.19,1953	6½	5	7	7	"	D	Yellow clay 12;blue clay 46;gravel 49;limestone 50.
Crowland Twp.										
Con I lot 1	W.Lusty	W.A.Lounsbruy/Son	May 3,1954	6½	10	30	13	Slightly Sulphur	D	Sandy loam 10;blue clay 64;gravel 65;limestone 67.
Con I " 15	School SS #6	W.Winger/Son	Jul.26,1954	6	15	21	21	Fresh	P	Loam 2;brown clay 21;blue clay 75;sand 100;dark rock 118.
Con IV " 17	R.Hardy	R.Schooley	Aug.31,1953	6½	4	21	21	Slightly Sulphur	D	Red clay 34;sand 74;gravel clay hardpan 86;sand 100;shelly shale 105.
Con VI " 19	J.Chojnick	L.M.Smith	Mar.25,1953	6½			8	Fresh	In	Hard red clay 20;soft red gravelly clay 127;coarse gravel 128.
Con VII " 13	D.Burns	"	Mar.16,1953	6½			66	Mineral	D	Fine red sandy loam 80;limestone shale 116.
Crystal Beach										
	Ridge Dairy Co	S.Johnston/Son	Apr. 7,1953	6	10	34	10	Fresh	In	Red clay 22;fine sand 52;flint 59.
Humberstone Twp.										
Con I lot 1	W.Davage	R.Schooley	Aug.12,1954	6½	4	14	9	Slightly Sulphur	D	Clay 4;flint 27.
Con I " 1	W.Davidge	Knoll/Hallborg	Oct. 8,1954	6	1½	8	8	Fresh	D	Clay 8;flint 18.
Con I " 2	J.Parkas	"	Jul.14,1954	6	10	29	28	"	D	Clay 20;flint 34.
Con I " 2	R.Huebschmann	"	Oct.26,1954	6	3	2	2	"	D	Black loam 9;flint 10.
Con I " 3	G.Fretz	R.Schooley	Jul.19,1954	6½	4	33	12	"	D	Red clay 25;flint 33.
Con I " 3	H.Kowaiski	W.Winger/Son	Oct. 5,1954	6	8	1	1	Slightly Sulphur	D	Black loam 8;flint 20.
Con I " 3	J.Healy	Knoll/Hallborg	Oct.14,1954	6	1½	4	4	Sulphur	D	Black loam 9;flint 19.
Con I " 5	N.Beach	L.Kramer	Sep.30,1953	6½		43	35	Fresh	D	Till 4;flint 43.
Con I " 5	W.Kelly	R.Schooley	Oct.22,1953	6½	4		14	"	D	Flint 30.

WELLAND COUNTY cont.  
Humberstone Twp. cont.

Con I	lot 5	S. Shapiro	W. Winger & Son	Dec. 31, 1953	6 1/2	5	23	23	Fresh	D	Till 2; flint 38.
Con I	"	T. Desantis	"	Jan. 20, 1954	6 1/2	18	18	18	"	D	Till 3; flint 45.
Con I	"	A. Holman	Knoll & Hallborg	May 5, 1954	6	12	17	17	"	C	Loam 1; black flint 23.
Con I	"	D. Tait	"	Sep. 15, 1954	6	5	15	15	"	D	Clay 19; flint 38. Some sulphur.
Con I	"	P. Henry	R. Schooley	Jul. 8, 1953	6 1/2	4	5	5	"	D	Black muck 12; sand 15; gravel 17.
Con I	"	A. Crockett	"	Jan. 7, 1954	6	4	18	4	"	D	Red clay 8; flint 18.
Con I	"	L. Royal	Knoll & Hallborg	May 12, 1954	6	10	8	8	"	D	Clay 6; hard black flint 15.
Con I	"	R. Winn	Kramer/McIntyre	Aug. 31, 1954	6 1/2	5	11	10 1/2	"	D	Clay 7; hard rock 14; gravel 14 1/2.
Con I	"	R. Dyet	"	Sep. 7, 1954	6 1/2	5	11	10 1/2	"	D	Clay 7 1/2; hard rock 14; gravel 14 1/2.
Con I	"	H. Teal	W. Winger & Son	Oct. 17, 1953	6 1/2	20	9	9	"	D	Sand 12; flint 25.
Con I	"	H. Bennett	Knoll & Hallborg	Aug. 20, 1954	6	12	14	14	"	D	Sandy loam 1; black flint 22.
Con I	"	S. Hedden	"	Aug. 3, 1954	6	1 1/2	19	16	"	D	Sandy loam 1; black flint 22.
Con I	"	C. LeCamp	Kramer/McIntyre	Aug. 25, 1954	6 1/2	1	20	19	Fresh	D	Loam 1 1/2; hard broken rock 6; flint 20; limestone 31.
Con I	"	Y. Lallonet	R. Schooley	Oct. 23, 1954	6	4	5	5	"	D	Flint 30.
Con I	"	O. Sherk	"	Oct. 30, 1954	6	4	20	6	"	D	Sand 7; fine gravel 9; flint 20.
Con I	"	R. Pretz	"	Sep. 15, 1953	6 1/2	4	11	11	"	D	Clay 3; flint 30.
Con I	"	H. C. Schertzing	L. Kramer	Jun. 6, 1953	6 1/2	4	36	6	Sulphur	D	Black loam clay 9; grey shale 25.
Con I	"	B. Glenn	R. Schooley	Sep. 22, 1953	6 1/2	4	36	36	Fresh	D	Sand 29; flint 44.
Con I	"	P. Nadeau	"	Apr. 15, 1953	6	3	5	5	"	D	Red clay 12; grey limestone 28.
Con I	"	Peninsula Roofing Co.	"	Oct. 14, 1954	6	4	7	7	Slightly Sulphur	D	Clay 9; flint 27.
Con II	"	C. Doan	"	Aug. 20, 1953	6 1/2	4	17	17	Sulphur	D	Red clay 15; shale 42.
Con II	"	J. McDermott	"	Jan. 29, 1954	6	4	12	12	"	D, S	Red clay 7; sandy gravel 11; blue clay 26; black shale 47.
Con II	"	A. Brein	W. Winger & Son	Oct. 19, 1953	6 1/2	30	3	3	Fresh	D	Clay 12; rock 17.
Con II	"	B. Bell	R. Schooley	Feb. 6, 1954	6	4	7	3	Sulphur	D, S	Sandy soil 10; flint 18.
Con II	"	School	"	Dec. 4, 1954	6	4	48	17	"	P	Flint 28; grey limestone 48.
Con II	"	S. Horuachich	Knoll & Hallborg	Aug. 9, 1954	6	8	19	19	Fresh	D	Clay 4; brown limestone 33.
Con II	"	L. Leostie	Kramer/McIntyre	Nov. 6, 1954	6 1/2	20	4	0	"	D	Broken rock 4; hard dark rock 11.
Con II	"	K. Arnold	L. Kramer	Jul. 14, 1953	6 1/2	5	0	0	"	D	Till 4; red clay 17; grey shale 31.
Con II	"	L. Huffman	Knoll & Hallborg	May 19, 1954	6	30	3	3	"	D	Clay 18; limestone 54.
Con II	"	D. Peitz	"	Jul. 27, 1954	6	80	5	5	"	D	Clay 16; limestone 30.
Con II	"	E. Mettlestead	L. Kramer	May 21, 1954	6 1/2	15	8	8	"	D	Clay loam 18; quicksand 25; limestone 31.
Con II	"	K. Valk	Kramer/McIntyre	Aug. 14, 1954	6 1/2	10	10	10	"	D	Loam 2; clay 21; limestone 24.
Con II	"	H. Newruther	L. Kramer	Jul. 18, 1953	6 1/2	4	30	27	Sulphur	D	Till 11; grey shale 39.
Con II	"	J. Guss	"	Jul. 20, 1953	6 1/2	2 1/2	3	1	"	D	Till 6; grey shale 16.
Con II	"	R. Beam	"	Apr. 7, 1953	6 1/2	5	4	4	Fresh	D	Clay sand pebbles 3; grey shale 16.
Con II	"	J. Roostaille	R. Schooley	Oct. 14, 1953	6 1/2	4	4	4	Sulphur	D	Clay 9; limestone 24.
Con II	"	K. Arnold	Knoll & Hallborg	Apr. 26, 1954	6	10	15	15	Slightly Sulphur	D	Clay 11; hard rock 22.
Con II	"	Jehovah's Witnesses	R. Schooley	Apr. 4, 1953	5	3	8	8	Fresh	P	Brown shale 3; flint 26.
Con II	"	G. Kramer	"	Sep. 8, 1953	6 1/2	4	16	16	"	D	Shelly shale 4; brown shale 47.
Con II	"	R. Seguin	Knoll & Hallborg	Jul. 1, 1954	6	35	26	26	"	D	Sandy loam 2; grey limestone 46.
Con II	"	D. Seguin	"	Jul. 9, 1954	6	50	50	47	"	D	Sandy loam 2; grey limestone 67.
Con II	"	J. Past	L. Kramer	Feb. 20, 1953	6 1/2	5	9	9	"	D	Black loam 2; red clay 8; grey limestone 25.
Con II	"	D. Cooper	R. Schooley	May 19, 1954	6 1/2	4	15	15	"	D	Red clay 15; shale 44.
Con II	"	A. Seapoletto	Knoll & Hallborg	Jun. 5, 1954	6	12	18	18	"	D	Clay 9; hard limestone 22.
Con II	"	N. Goode	R. Schooley	Sep. 30, 1953	6 1/2	4	26	26	"	D	Clay 2; shale 55.
Con II	"	L. Synth	Knoll & Hallborg	May 24, 1954	6	20	24	24	"	D	Shelly rock 6; hard dark rock 54.
Con II	"	D. Gregavski	"	May 30, 1954	6	15	13	13	Fresh	D	Shelly rock 7; blue flint 23.
Con II	"	R. Winger	R. Schooley	Jun. 7, 1954	6 1/2	4	43	9	"	D	Shale rock 3; grey limestone 43.
Con II	"	T. Webster	L. Kramer	Apr. 11, 1953	6 1/2	4	4	4	"	D	Sandy clay pebbles 3; grey limestone 31.
Con II	"	P. Bosch	"	May 2, 1953	6 1/2	4	16	16	"	D	Sand rocky loam 6; soft shale rock 51.
Con II	"	R. Beard	R. Schooley	Aug. 10, 1953	6 1/2	4	12	12	"	D	Clay 6; hard grey limestone 37.
Con II	"	H. Beard	"	Aug. 14, 1953	6 1/2	4	8	8	"	D	Clay 4; limestone 26.
Con II	"	R. Michael	"	May 14, 1954	6 1/2	4	16	16	"	D	Sandy loam 4; limestone shale 35.
Con II	"	F. Stayzer	"	May 18, 1954	6	4	11	11	"	D	Sandy loam 2; shale rock 6; limestone 29.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLAND COUNTY cont.										
Humberstone Twp. cont.										
Con III lot 8	F. Kuesman	R. Schooley	Dec. 29, 1953	6	4	8	8	Fresh	D, S	Sandy loam 10; shale 37.
Con III " 14	R. Lampman	"	Jan. 26, 1954	6 1/2	4	13	13	"	D	Red clay 13; shale 24.
Con III " 16	"	"	Feb. 10, 1953	6	3	11	11	"	D	Clay loam 6; brown shale 26.
Con III " 17	L. Kramer	L. Kramer	Jun. 20, 1953	6 1/2	10	20	20	"	D	Till 17; grey shale 30.
Con III " 17	H. Kramer	"	May 28, 1954	6 1/2	10	10	10	"	D	Sandy loam gravel 14; limestone 24.
Con III " 18	School SS #6	R. Schooley	Jul. 27, 1954	6 1/2	4	29	29	"	P	Clay 4; shale 51.
Con III " 19	W. Stoner	"	Oct. 5, 1954	6 1/2	4	33	33	"	D	Clay 8; sand gravel 10; shale 75.
Con III " 21	J. Babion	L. Kramer	Apr. 4, 1953	6 1/2	5	5	5	"	D	Dark sandy soil 4; grey shale 26.
Con III " 21	G. Welsh	"	Nov. 12, 1953	6 1/2	1 1/2	14	14	"	D	Till 14; grey shale 36.
Con III " 21	G. Babion	Kramer/McIntyre	Aug. 10, 1954	6 1/2	5	18	18	"	S	Loam 3; broken rock 7; hard rock 26.
Con III " 22	R. Shaulble	R. Schooley	Dec. 10, 1953	6	4	16	16	Sulphur	D	Clay 19; sand gravel 26; shale 44.
Con III " 22	S. MacLean	Kramer/McIntyre	Aug. 1, 1954	6 1/2	1	22	22	Fresh	D	Loam 1; clay 6; limestone 32.
Con III " 22	W. MacLean	"	Aug. 10, 1954	6 1/2	5	20	19	Sulphur	D	Loam 1; clay 18; limestone 33.
Con III " 23	J. White	L. Kramer	May 4, 1953	6 1/2			14	Fresh	D	Sandy loam 2; red clay 7; grey shale 31.
Con III " 23	W. Seady	Kramer/McIntyre	Nov. 1, 1954	6 1/2	2	20	18	"	D	Clay 12; limestone 26.
Con III " 23	D. Crumb	"	Nov. 15, 1954	6 1/2	2	26	25	Sulphur	D	Top soil 2; clay 8; hard rock 13; limestone 35.
Con III " 29	The Humane Society	R. Schooley	Sep. 24, 1954	6 1/2	4	38	17	Fresh	D, S	Clay 6; shale 38.
Con IV " 1	W. Hamm	"	Apr. 22, 1953	6 1/2	4	7	7	"	D	Clay 7; brown shale 28.
Con IV " 5	A. Shushuk	"	Jul. 1, 1953	6 1/2	4	16	16	Slightly Sulphur	D, S	Clay 41; fine red sand 63; shale 99.
Con IV " 17	J. Bates	R. Schooley	Jun. 24, 1954	6 1/2	4	21	12	Fresh	D	Sandy loam 12; shale 31.
Con IV " 18	R. Day	"	Jul. 13, 1954	6 1/2	4	40	40	"	D	Sandy loam 5; shale 47.
Con V " 2	F. Durliat	"	Jul. 2, 1954	6 1/2	4	24	24	"	D	Red clay 61; sand 69; sandy gravel 71.
Con V " 3	K. Wiedeman	"	Jul. 7, 1954	6 1/2	4	15	15	"	D, S	Red clay 57; sand 70; gravel 72.
Con V " 9	B. Fox	L. Kramer	Mar. 21, 1953	6 1/2	5	12	12	"	D	Clay pebbles 28; quicksand 49; limestone 54.
Pelham Twp.										
Con I lot 3	G. W. Powell	W. Lounsbury/Son	Oct. 15, 1953	6 1/2	1/2		36	Fresh	D	Hard clay 9; hard packed limestone 34; limestone shale 46; red sandstone 50.
Con I " 4	B. Mordle	"	May 12, 1954	6 1/2	3	50	10	"	D, S	Hard blue clay 38; hardpan 45; hard sand 52; limestone 65.
Con I " 4	A. Groombridge	"	Nov. 6, 1954	6 1/2	1	45	29	"	D	Hard clay 5; limestone 50; sandstone 55; limestone 57.
Con II " 4	A. Lynes	"	Oct. 20, 1954	6 1/2	15	70	30	Sulphur	D	Hard clay 13; limestone 74.
Con VI " 6	W. D. Weir	W. L. Field & Son	Oct. 6, 1953	7			230	Fresh	D	Brown sand 5; gravel stones boulders 35; cemented gravel 100; gravel sand 140; fine sand 230; blue clay 250; blue clay sandy loam 290; quicksand 310; brown clay 315; clay loam fine sand 336; stones gravel 340; limestone 350.
Con X " 5	A. B. Haist & Son	"	Aug. 7, 1954	7	30	50	45	"	D, S	Brown sandy clay 10; red sand 58; blue clay 62; brown sand 180; sand gravel stones 195.
Con XI " 17	S. Bachynski	W. Lounsbury/Son	Jan. 13, 1953	6 1/2	17	100	38	"	D	Hard clay 24; sand 52; blue clay 140; hardpan 154; limestone 161.
Stamford Twp.										
lot 4	Twp. of Niagara	W. Lounsbury/Son	Apr. 23, 1953	10	150	40	Flows	Fresh	P	Heavy coarse sand 18; fine heaving sand 45; fine gravel sand 55; coarse sand 61; coarse gravel large stones 63; uniform coarse gravel 78; limestone 80.
" 25	Peninsula Sand Co.	W. L. Field & Son	Jun. 13, 1953	6 1/2	10	73	63	"	P	Brown sand gravel 40; fine sand 70; brown clay sand 80; sand gravel 87; limestone 100.
" 26	F. Bojdek	W. Lounsbury/Son	Sep. 1, 1953	6 1/2	20	40	22	"	D	Sandy loam 10; fine sand 68; gravel 70; limestone 72.
" 26	J. Telecki	"	Oct. 23, 1953	6 1/2	8	40	23	"	D	Sandy loam 10; fine sand 60; coarse gravel 65; limestone 66.
" 45	W. Banasik	"	Feb. 5, 1953	6 1/2	20	22	10	Sulphur	D	Hard clay 10; sand 35; limestone 39; red sandstone 40.
" 52	W. Marigold	W. Winger & Son	Nov. 19, 1953	6 1/2	6	15	15	Fresh	D	Yellow clay 9; blue clay 23; gravel 25; rock 28.

## WELLAND COUNTY-cont.

## Stamford Twp. cont.

lot 53	Mt. Carmel Coll	W.A. Lounsbury/Son	Oct. 29, 1953	6½	4	22	8	Fresh	D, S	Sandy loam 10; blue clay 12; fine sand 29; limestone 40.
" 64	S. Dempsey	"	Oct. 24, 1954	6½	20	20	9	"	D	Hard clay 18; blue clay 27; gravel limestone 29.
" 67	S. Poster	"	Jun. 2, 1953	6	10	23	6	Sulphur	D	Hard clay 15; blue clay 25; sand 32; limestone 33.
" 69	L. Swart	"	Jun. 15, 1953	6	10	20	1	Fresh	D	Hard clay 10; blue clay 13; small stones 18; blue clay 25; sand 30; gravel 31; limestone 33.
" 69	G. Smith	"	Jul. 2, 1953	6½	10	20	1	"	D	Hard clay 10; blue clay 13; small stones 20; blue clay 30; sand 32; gravel 33; limestone 33.
" 69	L. Swart	"	Mar. 27, 1954	6	8	20	2	"	D	Hard clay 10; blue clay 20; small stones 25; blue clay 28; fine sand 31; coarse gravel 32; limestone 33.
" 70	W.R. Lawrence	"	Nov. 26, 1954	6½	20	10	4	"	D	Black top soil 4; hard brown clay 22; soft blue clay 31; sand clay 37; limestone 39.
" 122	D. Johnston	"	Jul. 7, 1954	6½	2½	50	15	"	D	Hard clay 18; blue clay 41; limestone 51.
" 137	A. Bean	"	Dec. 7, 1953	6½	10	21	19	"	D, S	Hard clay 10; blue clay 22; fine sand 27; limestone 30.
" 138	J. Rysdall	W. Winger & Son	Aug. 6, 1954	6	5	42	22	"	D	Sand 2; brown clay 14; red clay 28; sand 36; gravel 37; dark rock 42.
" 171	A. Kovacs	W. Lounsbury/Son	Jun. 17, 1953	6½	10	40	37	Sulphur	D	Sandy loam 6; hard clay 12; blue clay 25; fine sand 33; limest. 50.
" 179	E. Merit	W. Winger & Son	May 11, 1954	6½	15	26	26	Fresh	C	Top soil 2; yellow clay 8; soft blue clay 25; large gravel stones 27; limestone 43.
" 179	A. Ewings	"	May 15, 1954	6½	15	29	29	"	D	Brown clay 8; soft blue clay 30; red sand gravel 32; limestone 45.
" 179	G. Peck	"	May 18, 1954	6½	15	28	28	"	D	Top soil 2; brown clay 9; red clay 14; soft blue clay 28; limestone 43.
" 179	W. Whorms	"	May 26, 1954	6½	15	29	29	"	D	Top soil 2; hard brown clay 11; soft blue clay 31; gravel red sand 32; limestone 48.
" 179	B. Duckwood	"	May 29, 1954	6½	15	28	28	"	D	Brown clay 11; soft blue clay 28; stones 30; limestone 49.
" 197	A. Okinezye	W. Lounsbury/Son	May 6, 1954	6	10	25	20	"	D	Hard clay 10; blue clay 45; fine sand 50; gravel 51; limest. 52.
" 197	G. Auld	"	Jun. 20, 1954	6	3	45	20	"	D	Hard clay 10; blue clay 45; fine sand 50; limestone 56. Slight trace of sulphur.
" 211	E. Montgomery	W. Winger & Son	Nov. 12, 1954	6	15	18	18	"	D	Clay fill 5; brown clay 22; blue clay 56; sand 68; gravel 81; dark rock 83.
Thorold Twp.										
lot 20	C.A. Kelsey	W. Lounsbury/Son	Jul. 4, 1953	6½	4	30	12	Sulphur	D	Hard clay 6; blue clay 28; limestone 36.
" 22	S.J. Leishman	"	Jul. 12, 1954	6½	3½	60	15	Fresh	D	Hard clay 4; limestone 52; sandstone 58; limestone 60.
" 22	D. Stewart	"	Nov. 1, 1954	6	5	20	11	"	D	Shale rock 8; limestone 23.
" 43	B. Grosse	"	Sep. 16, 1954	6	7	30	12	"	D	Hard clay 31; limestone 33.
" 50	Yates Grocery	W.L. Field & Son	Jul. 10, 1953	6½	10	10	10	"	D	Blue clay 25; clay sand stones 32; limestone 43.
" 50	A. Dominey	W. Lounsbury/Son	Jun. 5, 1954	6	5	20	11	"	D	Hard clay 10; blue clay 37; gravel stones 38; limestone 40.
" 51	C. Lowe	W.L. Field & Son	Jun. 28, 1953	6½	10	16	15	"	D	Blue clay 30; stones gravel 33; limestone 37.
" 51	G. Sorrie	"	Jul. 25, 1953	6	10	10	10	"	D	Brown clay 5; blue clay 30; limestone 32.
" 92	A. Cirnasca	W. Winger & Son	Sep. 8, 1953	6½	35	29	29	"	P	Yellow clay 8; blue clay 28; shale rock 32; rock 41.
" 93	E. Jeremias	L.M. Smith	Feb. 11, 1953	6½		32	32	"	D	Red sandy loam 27; brown limestone 43.
" 93	F. Muller	L.M. Smith	Feb. 14, 1953	6½		10	10	"	"	Red clay 10; red loam boulders 24; hard brown limestone 27.
" 93	C. Huber	W. Winger & Son	Aug. 27, 1954	6	15	24	24	"	C, P	Crushed stone clay 2; blue clay 44; shale rock 48; dark rock 51.
" 112	N. Burtch	"	Oct. 1, 1953	6½	20	18	18	"	D	Yellow clay 7; blue clay 29; rock 40.
" 112	E. Hurley	C.W. Young	Apr. 22, 1954	6	7	40	37	"	D	Red clay some gravel 40; fine sand 52; very hard rock 60.
" 117	G. Wood	W. Winger & Son	Jul. 30, 1954	6	15	15	15	"	P	Fill 2; brown clay 14; blue clay 42; gravel 47; brown limestone 52.
" 118	J. Roach	"	Sep. 18, 1953	6½	30	17	17	Fresh	D	Yellow clay 10; blue clay 37; rock 47.
" 118	L. Stevens	"	Sep. 23, 1953	6½	35	13	13	"	D	Yellow clay 12; blue clay 41; rock 52.
" 118	G. Richardson	"	Sep. 28, 1953	6½	30	17	17	Sulphur	D	Yellow clay 13; blue clay 43; rock 65.
" 118	W. Smith	"	Jun. 16, 1954	6	15	5	5	"	P	Fill 2; brown clay 12; blue clay 33; gravel 34; brown limestone 41.
" 136	N. Costea/Elek	"	Sep. 4, 1953	6½	35	45	45	Fresh	P	Yellow clay 11; blue clay 52; rock 59.
" 137	S. Bailey	"	Sep. 15, 1953	6½	35	38	38	"	D	Yellow clay 9; blue clay 56; rock 70.
" 151	E. Beamer	W. Lounsbury/Son	May 4, 1953	6½	17	23	14	"	C	Hard clay 8; blue clay 25; sandy clay 60; sand 78; fine gravel 79; limestone 85.
" 161	C. Beales	"	Sep. 24, 1953	6	3	60	40	"	D	Pine sand 125; limestone 130.
" 166	Secord Trans.	W.F. Dodge	Aug. 9, 1954	4				"		Silt some red shale 106. Dry hole.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLAND COUNTY-cont. Thorold Twp.-cont.										
lot166	Secord Trans.	W.L.Field & Son	Oct. 4,1954	7	10	80	50	Fresh	C,P	Brown clay loam 10;blue clay 30;fine sand 60;red clay 70; brown sandy loam 160;stones sand 170;stones sand gravel 180;limestone 185.
" 167	J.E.Dandford	W.Lounsbury/Son	Sep. 9,1953	4	30	50	45	"	D	Hard clay 4;red sandy clay 18;blue clay 62;very fine grey sand 141;blue clay 182;fine sand 186;hardpan small stones gravel 189;limestone 190.
" 167	Danford Real Estates Ltd.	"	Sep.30,1953	6½	6	80	45	"	D	Fine sand 30;sandy clay 90;fine heaving sand 185;limestone 190.
" 193	J.Ewart	C.W.Young	Apr. 4,1954	6	6	30	28	"	D	Clay 42;running sand 80;coarse sand clay 102;flinty rock 122.
" 194	R.Young	"	Mar.20,1953	6	5	20	17	"	D	Till 30;quicksand 93;gravel sand 97;flint 102.
" 220	A.H.McClellan	W.Lounsbury/Son	Jul.10,1953	6½	10	22	16	"	P	Sandy clay 6;hard clay 21;soft blue clay 84;sand clay 115; hardpan 118;limestone 122.
" 226	H.Parker	W.Merritt	Jan.11,1954	5	17	18	18	"	D	Clay quicksand 80;boulders 93;Niagara rock 105.
" 229	L.Saelk	W.L.Field & Son	Nov.11,1954	6½	5	60	18	"	D	Blue clay 25;brown fine sand 50;clay stones 80;sand gravel 90;limestone 94.
" 229	H.McCombs	"	Nov.18,1954	7	10	50	6	"	D	Blue clay 25;fine brown sand 50;clay stones 80;sand gravel 90;limestone 93.
" 231	Leon Furniture	W.Lounsbury/Son	Sep.10,1954	6½	30	40	25	"	P	Hard clay 14;soft blue clay 65;sandy gravel 84;hardpan stones 90;limestone 97.
Wainfleet Twp.										
Con I lot 4	E.Corey	L.Kramer	May 10,1953	6½			2	Fresh	D	Sandy muck 10;grey shale 17.
Con I " 4	R.Quettelec	"	May 14,1953	6½			2	"	D	Sandy muck 10;grey shale 18.
Con I " 4	P.Major	"	May 19,1953	6½			2	"	D	Sandy muck 10;grey shale 14.
Con I " 4	P.Meiner	"	May 26,1953	6½			2	"	D	Sandy muck 12;grey shale 19.
Con I " 5	W.Fritz	"	Jul. 6,1953	6½	2	24	16	"	D	Black gravel 3;red clay 7;flint 24.
Con I " 5	R.Marr	"	Apr.24,1954	6½	15	6	6	"	D	Clay 11;grey shale limestone 27.
Con I " 5	W.Fritz	"	Apr.29,1954	6½	15	6	6	"	D	Clay 17;grey shale 19.
Con I " 7	A.Goosen	Kramer/McIntyre	Oct.28,1954	6½	5	10	10	"	D	Loam 1;dark clay 11;hard grey rock 17.
Con I " 8	L.Jamieson	"	Jun.24,1954	6½	5	21	16	"	D	Sand gravel 11;flint 24.
Con I " 8	B.Curl	L.Kramer	Jun. 9,1953	6½	5		10	"	D	Clay pebbles 3;flint 25.
Con I " 8	A.Winger	R.Schooley	May 24,1954	6½	4	68	37	Sulphur	D	Red clay 5;shale 7;dark limestone 68.
Con I " 8	C.Michael	"	Jun.22,1954	6½	4	57	44	Fresh	D	Red clay 7;limestone 57.
Con I " 10	M.Yedlinsky	"	Mar.28,1953	6	3	11	11	"	D	Clay 22;flint 36.
Con I " 11	P.Ellsworth	"	Nov. 4,1953	6½	4		6	"	D	Clay 11;grey limestone 19.
Con I " 12	E.McFee	L.Kramer	May 28,1953	6½	5	8	8	"	D	Sandy gravel 11;grey shale 26.
Con I " 12	L.Deline	"	Jun.12,1953	6½	4		12	"	D	Clay pebbles 6;grey shale 34.
Con I " 13	W.Augustine	R.Schooley	Jun. 2,1954	6½	4	8	8	"	D	Sand coarse gravel 11;flint 23.
Con I " 14	L.Michener	R.Schooley	Jun. 2,1953	6½	4		24	"	D	Flint 73;hard grey limestone 105.
Con I " 14	Morgan'sPoint Church	"	Nov.18,1953	6½	4	32	32	"	D	Sandy loam 4;shale 8;flint 79.
Con I " 15	P.Lenzen	"	May 18,1953	6	4	4½	4½	"	D	Clay 4;grey limestone 17;flint 29.
Con I " 15	E.Leslie	"	Jun. 9,1953	5	4	5	5	"	D	Clay 1;flint 27.
Con I " 15	E.Truman	L.Kramer	May 14,1954	6½	15	6		"	D	Sand 18;black flint 33.
Con I " 16	R.Katons	R.Schooley	Jun.16,1953	6½	4		6	Slightly Sulphur	D	Clay 9;flint 34.
Con I " 16	K.Travers	"	Jun.22,1953	6½	4		6	"	D	Clay 7;gravel 10;flint 24.
Con I " 17	R.Norman	"	Oct. 5,1953	6½	4	12	12	Sulphur	D	Clay 20;grey limestone 29.
Con I " 17	Lakewood Crippled Children's Camp	"	Apr.20,1954	6½	4	4	4	Fresh	P	Red clay 7;sandy loam 15;flint 30.

Wainfleet Twp. cont.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY cont. Eramosa Twp.-cont.										
Con IV lot 5	S.Harris	J.R.Sprowl	Oct. 2, 1954	4 1/2	15	80	80	Fresh	D	Earth 6; grey limestone 16; hard blue limestone 85; whitish limestone 123.
Con IV " 6	A.Nightingale	"	Jan. 16, 1954	4	20	9	8	"	D	Gravel clay 7; black flint 37.
Con IV " 13	B.Samon	O.H.Gow	Jul. 1, 1953	4	10	10	10	"	D	Boulders gravel 20; grey limestone 55.
Con IV " 13	P.Law	"	Mar. 23, 1954	4	7	20	20	"	D	Yellow clay 10; gravel boulders 17; limestone 50.
Con IV " 14	K.Oakes	J.R.Sprowl	Dec. 15, 1953	4	10	35	35	"	D,S	Dug well 6; gravel clay 60; dark-brown limestone 119.
Con IV " 21	G.C.Martin	J.L.Graham	Nov. 26, 1953	5	6	43	38	"	D,S	Top soil 18; sandy clay 48; sand clay 61; gravel 62; light-brown rock 139.
Con V " 2	D.Swackhammer	C.Hill	Jan. 23, 1954	4	10	15	15	"	D	Gravel 34; blue limestone 57; white limestone 85; grey rock 100.
Con V " 4	M.Wilson	"	Nov. 30, 1953	4	10	20	10	"	D	Clay stones 8; slab rock 14; limestone 57.
Con V " 4	K.Guild	J.R.Sprowl	Jan. 11, 1954	4	5	40	40	"	D	Earth 1; black flint 50; limestone 105.
Con V " 4	G.Harris	C.Hill	May 7, 1954	4	10	70	50	"	D	Sandy loam 8; grey limestone 90.
Con V " 4	F.Edwards	J.R.Sprowl	Oct. 8, 1954	4	20	20	20	Fresh	D	Gravel clay 5; gravel stones clay 15; black flint 42.
Con V " 6	H.Alton	"	Apr. 25, 1953	4	2	58	8	"	D	Earth 3; black flint 58.
Con V " 9	W.Mitchie	"	May 7, 1953	3 1/2	8	60	33	"	D,S	Clay gravel 82; gravel hardpan 88; black limestone 104.
Con VI " 5	R.M.Storey	"	Jan. 12, 1953	4	8	45	40	"	D,S	Dug well 29; gravel clay 55; limestone 79.
Con VI " 18	R.Synott	"	Mar. 17, 1954	4	8	25	18	"	D,S	Gumbo clay 15; clay gravel 85; grey limestone 117.
Con VII " 11	D.Jago	"	Aug. 22, 1953	4	1	51	10	"	D	Earth 1; hard blue rock 51.
Con VII " 29	H.Grant	C.Hill	Sep. 16, 1954	4	5	140	80	"	D,S	Sandy clay 5; fine sand 85; clay 148; white limestone 255.
Erin	J.Green	J.R.Sprowl	Mar. 12, 1953	4	20	25	20	Fresh	D	Dug well 8; coarse gravel stones 30; marl sand 65; limestone 90.
Erin	"	"	Mar. 20, 1953	4	20	25	20	"	P	Dug well 8; heavy gravel stones 30; marl sand 52; limestone 74.
Erin	G.Lovell	O.H.Gow	Apr. 20, 1953	4	12	20	20	"	D	Gravel boulders 15; gravel 30; limestone 72.
Erin	Village/Erin	J.L.Graham	Sep. 10, 1954	10	35 1/4	22	10	"	P	Top soil 1; sand 25; gravel 28; blue-grey rock 45; blue rock 62.
Erin Twp. Con I lot 6	G.Leslie	J.R.Sprowl	Mar. 4, 1954	3 1/2	5	65	60	Fresh	D,S	Dug well 37; clay gravel 100; coarse gravel 120; gravel quicksand 132 1/2; limestone 165.
Con I " 13	E.Fisher	C.Hill	Oct. 8, 1954	4	10	10	10	"	D	Clay loam 7; black shale 24; hard black rock 72.
Con I " 14	W.Robertson	J.R.Sprowl	May 19, 1953	4	5	45	10	"	D	Sand 20; gravel 42; sand 45; limestone 97.
Con II " 11	C.Griffin	"	Nov. 17, 1953	4	12	12	10	"	D	Big boulders 12; gravel clay 24; hard limestone 49.
Con II " 14	A.E.Hayward	"	Nov. 1, 1954	4	15	22	20	"	D	Heavy clay 12; gravel clay 25; sand 40; stony gravel 46; grey limestone 75.
Con III " 14	School SS #3	J.L.Graham	Dec. 23, 1954	4 1/2	9	86	80	"	P	Clay stones 23; clay sand gravel 36; sandy brown clay 40; grey clay 56; silty brown clay 90; silty grey clay 145; light-brown rock 160; dark-brown rock 180.
Con V " 11	J.Leitch	H.A.Kerr	Oct. 5, 1953	4	15	117	97	"	D,S	Dug well 87; sand 140; hardpan 172; rock 209.
Con VII " 1	M.Hammond	J.R.Sprowl	Nov. 7, 1953	4	5	32	24	"	D	Gravel some clay 15; grey limestone 40; white limestone 72.
Con VII " 2	F.Boyd	"	Oct. 21, 1954	4 1/2	10	22	22	"	D,S	Gravel clay 22; grey limestone 56.
Con VII " 14	J.Hall	H.A.Kerr	Sep. 24, 1953	4	15	90	76	"	D,S	Dug well 60; stony clay 140; sand 148; clay 165; rock 192.
Con IX " 13	A.J.Struthers	J.R.Sprowl	Mar. 28, 1953	4	10	6	6	"	D	Sand gravel 59; pea gravel 60.
Guelph	City of Guelph	J.L.Graham	Jan. 7, 1953	10	54 1/2	62	32	Fresh	P	Top soil 3; gravel clay 6; gravel 11; stones clay 17; white limestone 48; brown rock 64; black rock 103; blue mud 104; black rock 119; grey rock 135; blue rock 205; blue and grey rock 240; blue shale.
Guelph	"	"	Feb. 5, 1953	10	400	61	42	"	P	Stony clay 9; stony gravel 16; stony clay 30; white limestone 49; dark brown rock 60; hard black rock 87; brown clay 88; black rock 97; grey shale grey rock 99; grey rock 116; blue grey rock 134; light blue and white rock 166; grey rock 195; blue and grey rock 204; blue rock 232; blue shale 236.
Guelph	Homewood Sanitarium	"	Mar. 7, 1953	10	140	148	84	"	P	Stony hardpan 37; brown rock 45; brown clay 47; brown rock 75; dark brown rock 119; white and blue rock 152; light brown rock 175; light blue rock 203; blue and brown rock 270.

## WELLINGTON COUNTY-cont.

Guelph	City of Guelph	International Water Supply	Mar. 20, 1953	12	605	74	18½	Fresh	P	Black muck 1; clay gravel 6; coarse gravel boulders 12; gravel streaks of clay 24; brown limestone 56; black limestone 99; dark-grey limestone 117; grey limestone 166; brown and grey limestone 187; grey limestone 203; dark-grey limestone 226; blue-grey limestone 228; shale.		
Guelph	"	"	Apr. 9, 1953	12	179	116	2	Sulphur		Coarse sandy gravel 11; dark-brown limestone 22; black limestone 55; dark-grey limestone 75; light-grey limestone 158; dark-grey limestone 179; blue-grey limestone 188; blue-grey shale 190. Abandoned.		
Guelph	"	"	May 13, 1953	12	724	66	19	Fresh	P	Coarse gravel boulders 11; clay gravel 17; white limestone 24; brown limestone 29; black limestone 45; black dolomite 58; black limestone 71; grey limestone 140; white limestone 152; brown limestone 162; grey limestone 195.		
Guelph	Biltmore Hat Company	J.L.Graham	Jan. 9, 1954	10	190	50	19	Slightly Sulphur	In	Cinders 3; clay stones 19; black rock 81; grey rock 100; light-blue rock 134; brown rock 140; blue rock 200; blue clay 206.		
Guelph	R.Reilly	"	Jun. 7, 1954	4½	6	19	11	Fresh	D	Top soil 2; clay stones 8; gravel 10; sandy clay 13; white rock 74.		
Guelph Twp.												
DivB Con II lot	3	J.Cimerman	J.L.Graham	Aug. 9, 1954	4½	7	28	26	Fresh	D	Clay stones 33; gravel 36; clay stones 45; light-brown rock 67; white rock 85; clay stones 87.	
DivB Con III	"	1	J.Krusky	"	Dec. 2, 1954	4	5	43	"	D	Sand gravel 1; stones clay 4; sand-gravel 11; white limestone 55; brown limestone 66; white limestone 117.	
DivB Con V	"	6	G.Nessner	"	Dec. 9, 1953	5	7	80	44	"	D,S	Sandy clay 8; clay stones 48; white rock 93; dark-blue rock 103; grey rock 114; blue-grey rock 122; grey rock 130; blue rock 158; light-blue rock 163.
253 DivC Con III	"	2	J.Jackson	J.R.Sprowl	Nov. 30, 1953	4	10	25	22	"	D	Old well 17; black flint 57.
DivC Con III	"	2	A.Skinner	J.L.Graham	Jun. 15, 1954	4½	7	54	50	"	D,S	Dug well 25; sand 31; clay stones 38; brown rock 52; black rock 103; grey rock 116.
DivC Con III	"	2	C.W.Green	J.R.Sprowl	Jun. 26, 1954	4	6	35	30	"	D	Earth 2; flint 57.
DivC Con III	"	5	J.Thomson	C.Hill	Jun. 11, 1953	4	10	30	20	"	D	Gravel big stones 25; hard black rock 90.
DivC Con III	"	7	B.Dunnill	"	Jun. 22, 1953	4	10	15	15	"	D	Clay large stones 22; hard black rock 80.
DivC Con III	"	10	H.J.Palkingham	"	Jul. 28, 1953	4	10	30	20	"	D	Gravel boulders 20; sand 30; hard black rock 83.
DivC Con IV	"	4	N.Bruce	"	Jan. 20, 1953	4	10	40	20	"	D	Sand 18; gravel 30; white limestone 88.
DivC Con VI	"	3	J.Croft	"	Dec. 31, 1953	4	10	19	19	"	D	Hardpan 35; gravel large stones 50; limestone 65; hard black rock 88.
DivC Con VI	"	3	P.Brazolot	"	May 5, 1954	4	10	8	8	"	D	Clay stones 45; fine gravel 56; grey limestone 95.
DivC Con VI	"	3	G.Baum	"	May 24, 1954	4	10	15	8	"	D	Clay hardpan 55; grey limestone 94.
DivC Con VI	"	3	C.Mooney	"	May 25, 1954	4	10	8	8	"	D,S	Dug well 26; hardpan 60; grey limestone 98.
DivC Con X	"	9	G.Goetz	O.H.Gow	Jun. 10, 1954	4	10	60	50	"	D	Dug well 26; gravel clay 50; limestone 130.
DivC Con X	"	10	S.Parkingson	"	May 24, 1954	4	10	5	3	"	D,S	Dug well 3; limestone 66.
DivC Con X	"	11	A.Parkingson	"	Jul. 15, 1953	4	10	22	22	"	D	Limestone 66.
DivD Con I	"	24	G.Blyth	J.L.Graham	Nov. 23, 1954	5	7	38	38	"	D,S	Top soil 1; sand gravel 16; clay stones 22; sand 25; sand gravel 29; clay stones 31; gravel 32; white limestone 55; grey rock 71; light-brown rock 81; grey rock 86; light-brown rock 117.
DivD Con II	"	3	J.Hastings	"	Feb. 2, 1954	4½	10	35	30	"	D	Sandy clay 40; gravel 52; light-brown rock 70; light-brown mud 85; brown clay 97; light-brown rock 152.
DivD Con II	"	11	M.Lake	H.A.Kerr	May 17, 1954	4	15	60	52	"	D	Sandy brown clay 41; blue clay 61; sandy gravel 85; rock 102.
DivD Con II	"	16	G.McInach	O.H.Gow	Feb. 18, 1954	4	8	8	8	Fresh	D, C	Dug well 25; limestone 80.
DivD Con II	"	22	D.Dodds	"	Mar. 19, 1954	4	10	4	4	"	In, Ir	Yellow clay boulders streaks of gravel 20; limestone 135.
DivD Con III	"	1	R.Thompson	C.Hill	Mar. 27, 1953	4	10	30	23	"	C	Gravel 30; limestone 125.
DivD Con III	"	1	H.Roehmer Co.	J.L.Graham	Oct. 31, 1953	4½	7	15	9	"	P	Clay boulders 14; hardpan boulders 30; brown limestone 81.
DivD Con III	"	16	G.J.Parker	C.Hill	Jan. 25, 1953	4	10	30	30	"	D	Gravel 40; sand 51; limestone 119.
DivD Con IV	"	2	Canadian General Elect.	J.L.Graham	Apr. 4, 1953	10	350	20	14	"	In	Stones clay 15; yellow limestone 30; white limestone 38; blue limestone 52; light-brown limestone 69; blue-white limestone 126; white rock 148; blue and white rock 160; white rock 170; blue and white rock 175.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY cont. Guelph Twp. cont. DivD Con IV lot 11	City of Guelph	International Water Supply	Feb.20,1953	10	158	112½	Flows	Fresh	T	Muck 1;dirty sand 4;cemented gravel 13;limestone 157. Abandoned.
DivD Con IV " 20	"	"	Jan.16,1953	10	115	147	3½	"	T	Top soil 1;grey sand clay 12;clay gravel boulders 25;weathered limestone 26;grey limestone 65;brown limestone 90;grey limestone 125;brown limestone 141;grey limestone 180;brown limestone 210;grey limestone 314;shale. Abandoned.
DivD ConV " 3	J.Gratiota	O.H.Gow	Apr. 1,1954	4	10	15	12	"	D,In	Yellow clay boulders 28;limestone 103.
DivD Con V " 7	City of Guelph	International Water Supply	Feb.15,1953	12	200	85	8	"	P	Black muck 1;sandy gravel streaks of clay 27;brown limestone 31;dark-grey limestone 36;brown limestone 54;grey limestone 84;brown limestone 88;grey limestone 95;brown limestone 106;grey limestone 122;brown limestone 140;grey and brown limestone 248;white limestone 254;brown limestone 264;grey limestone 299.
DivD Con VI " 15	C.Mackie	C.Hill	Aug.21,1953	4	10	70	15	"	D	Gravel stones 60;sand 65;gravel stones 84;hard brown rock 125; hard black rock 150.
DivE Con I " 1	A.Harvey	"	Apr. 6,1953	4	10	30	20	"	D	Gravel 25;limestone 80;hard black rock 100.
DivE Con II " B	R.Penfold	"	Dec.11,1954	4	10	36	16	"	D	Fill 4;hardpan 18;cemented gravel 43;grey limestone 89.
DivE Con II " C	T.Phalen	"	Apr.27,1953	4	10	30	18	"	D	Clay 14;limestone 80;hard black rock 100.
DivE Con II " C	G.E.Smith	"	Jul.12,1954	4	10	40	24	"	D	Clay loam 3;soft clay 27;fine sand 34;white limestone 120; hard black rock 141.
DivG Con I " 7	Ont.College of Agriculture	J.L.Graham	Mar.30,1953	10	220	128	40	Sulphur	Ir	Black top soil 1;clay stones 10;gravel stones 12;hardpan stones 40;gravel 41;hardpan stones 42;sand clay 56;gravel clay 69;grey rock 108;black rock 155;light-blue rock 175; dark-blue rock 208.
DivG Con II " 5	A.Ferarro	C.Hill	Oct.24,1953	4	10	75	75	Fresh	D	Hardpan 102;grey limestone 145;hard black rock 160.
DivG Con II " 5	J.Barnett	J.L.Graham	Jul.16,1954	4½	8	72	62	"	D	Top soil 1;clay stones 28;hardpan 31;clay stones 36;clay 52; hardpan 94;grey rock 116;black rock 125;grey rock 131;brown rock 137.
DivG Con III " 5	R.Pulkerson	"	Dec. 1,1953	4½	7	48	28	Slightly Sulphur	D	Sand clay 11;blue clay boulders 26;clay hardpan 47;white rock 84;brown rock 101;black rock 108.
DivG Con III " 5	D.N.Huntley	"	Jan.12,1954	4½	3	81	21	Fresh	D	Sandy clay 10;boulders blue rock 22;hardclay 41;white rock 63; brown rock 83;black rock 86.
DivG Con III " 9	Ont.College of Agriculture	"	Apr.23,1953	10	406	95	57	"	Ir	Stony clay 4;gravel 14;sandy clay 40;clay little sand 67; brown rock 115;black rock 176;light-blue rock 200;blue and white rock 241;hole 244;grey rock 259;blue-grey rock 270; dark-blue rock 288.
DivG Con IV " 4	J.McKivor	C.Hill	Apr.14,1953	4	10	20	14	"	D	Gravel 25;sand 30;limestone 70;hard black rock 85.
DivG Con IV " 4	K.G.Ferrier	"	Dec. 2,1953	4	10	20	12	"	D	Clay stones 10;gravel 31;limestone 65;hard black rock 84.
DivG Con IV " 4	R.Porterfield	J.L.Graham	Jun.14,1954	5	10	35	25	"	D	Topsoil 1;sand little clay 37;light-brown limestone 65;black rock 112.
DivG Con IV " 5	H.Mason	"	Aug.11,1953	4	7	17	12	"	D	Sand 11;gravel clay stones 21;sandy clay 24;white rock 32; brown rock 88;black rock 90.
DivG Con IV " 5	J.Arnold	"	Aug.15,1953	4	7	19	15	"	D	Sand gravel 13;gravel stony gravel 22;sand blue clay 26; white rock 31;light-brown rock 53;dark-brown rock 90;black rock 92.
DivG Con IV " 6	V.A.Pryor	C.Hill	Jul. 9,1953	4	10	17	17	"	D	Gravel 30;sand 48;limestone 85;hard black rock 100.
DivG Con IV " 6	L.Baker	J.L.Graham	Aug. 5,1953	4	6	37	27	"	D	Top soil 4;fine gravel 9;silty sand 52;hardpan 55;white rock 94;light-brown rock 113;black rock 115.
DivG Con IV " 6	C.Beck	"	Aug.24,1953	4	10	18	16	"	D	Sandy gravel 12;brown clay gravel 24;gravel 29;sandy clay 34; fine silt sand 45;clay 48;white rock 60;dark-brown rock 99; black rock 103.

## WELLINGTON COUNTY-cont.

Guelph Twp. cont.											
DivG Con IV lot	6	H.Duffield	C.Hill	Apr. 5, 1954	4	10	50	15	Fresh	D	Fine gravel 25;sand 48;white limestone 90;hard black rock 115.
DivG Con V "	8	A.Moore	J.L.Graham	Apr.21, 1953	4	4	30	14	"	D	Dark top soil 2;gravel 8;sand gravel 14;clay 28;gravel 30; white rock 58;yellow sand rock 73;grey rock 84.
DivG Con V "	8	F.Fisher	"	May 29, 1953	4½	5		17	"	D	Top soil 2;gravel 9;sand gravel 14;clay 29;gravel sand 32; white rock 64;yellow rock 76;grey rock 90.
DivG Con V "	9	L.Bush	"	Jul.21, 1953	4½	5	57	47	Slightly Sulphur	D	Top soil 3;gravel stones 11;clay 24;sand gravel 29;clay hardpan 72;sand gravel 84;gravel 91;sandy clay 118;clay 157;fine sand 165;hardpan 168;black rock 202.
Maryborough Twp.											
Con I lot	8	E.Linseman	C.Keeso	Mar.15, 1954	4	14	64	62	Fresh	D,S	Black soil 6;blue clay 90;hardpan 101;shale 110;limestone 150.
Con III "	17	C.S.Koch	"	Dec.17, 1954	4	12	86	83	"	D,S	Dug well 34;blue clay 115;sandy clay 130;shale 150;limest.180.
Con VI "	12	W.Noeker	P.L. Davidson	May 10, 1954	4	10	91	68	"	D,S	Hard brown clay boulders 195;limestone 223.
Con VII "	17	R.Simmons	"	Jun.19, 1954	4	6	100	86	"	D,S	Clay 40;sand 52;hardpan clay stones 120;loose shale 156;soft rock 186.
Con IX (Moorefield)	9	United Church	J.E.Murray	Aug.26, 1953	4	8	50	41	"	P	Top soil 3;clay boulders 137;limestone 189.
Con IX "	9	School SS#12	"	Jun.16, 1954	3½	7	35	32	"	P	Top soil 3;yellow clay stones 72;shale 84;limestone 137.
Con IX "	9	O.Elliott	"	Jul.29, 1954	4	7	30	24	"	D	Top soil 3;yellow clay boulders 70;red shale 90;limestone 126.
Con IX "	13	D.McIssac	"	Nov. 4, 1953	4	8	60	60	"	D,S	Top soil 3;gravel 20;clay boulders 80;yellow clay 127; limestone 175.
Con XIII "	1	E.Crozier	P.L.Davidson	Sep. 2, 1953	4	10	40	32	"	D	Till 68;clay 81;gravel 90;rock 138.
Con XIII "	5	A.Rennie	"	Aug. 6, 1954	4	15	60	52	"	D,S	Clay 23;clay gravel 69;sand 82;limestone 121.
Con XIV "	5	M.Giles	J.E.Murray	Sep.10, 1954	4	7	25	22	"	D,S	Top soil 2;yellow clay small boulders 68;limestone 121.
Minto Twp.											
Con C lot	90	H.Fingold	E.A.Keeso	Jun. 3, 1953	4	15	30	28	Fresh	P	Black top soil 5;blue clay 25;hardpan 50;shale 50;blue limestone 109.
Con C "	90	G.McCague	"	Aug.11, 1953	4	12	28	24	"	S	Clay 12;gravel 28;hardpan 62;shale 88;blue rock 140.
Con D "	96	J.Oyksterhuis	"	Nov.10, 1953	4	12	22	19	"	D,S	Dug well 40;shale 62;blue limestone 120.
Con D "	107	O.Greenwood	"	Sep.17, 1953	4	12	22	20	"	D,S	Dug well 20;clay gravel 61;white shale 78;blue limestone 107.
Con I "	26	C.Seiler	C.Keeso	Dec.14, 1953	4	14	24	22½	"	D,S	Clay 40;hardpan 70;gravel clay 82;sand 86;limestone 130.
Con II "	22	G.Storey	"	May 26, 1954	4	14	33½	31	"	D,S	Top soil 3;sand 21;clay 50;sandy clay 80;shale 90;red rock 112
Con VII "	5	School SS #12	E.A.Keeso	Aug.18, 1954	4	13	28	28	Fresh	P	Gravel clay 26;blue clay 51;blue shale 87;blue limestone 103; blue-grey limestone 140.
Con IX "	13	C.Webber	"	Nov.16, 1954	4	11	14	13	"	D,S	Clay boulders 38;brown and blue shale 71;hard blue limestone 107
Con XIV "	26	C.Newman	"	Jun.15, 1954	4	12	36	34	"	D,S	Dug well 28;gravel clay 62;shale 74;brown rock 128.
Con XV "	42	E.Schaus	"	Nov.28, 1953	4	12	27	26	"	D,S	Clay 20;hardpan boulders 88;shale 95;hard brown and black rock 128.
Mount Forest											
		Town of Mount Forest	J.L.Graham	Mar.12, 1953	12	300	102	34	Fresh	P	Clay 3;yellow sand 26;hardpan stones 92;coarse gravel 125;blue clay 128;blue rock 145;brown rock 192;yellow limestone 199; blue-white rock 242;white rock 320;shale rock 325.
Nichol Twp.											
Con I "	9	H.Cassie	O.H.Gow	Sep.10, 1953	4	10	24	23	Fresh	P	Clay 7;limestone 128.
Con I "	12	K.Marshall	"	Apr. 8, 1953	4	10	50	40	"	D	Soft clay boulders streaks of fine gravel 68.
Con I "	12	D.Elgie	"	Jul.15, 1954	4	8	60	50	"	C	Sand clay boulders 70;limestone 164.
Con VI "	3	J.Gilman	C.Hill	Feb.16, 1953	4	10	60	60	"	D,S	Clay loam 3;hardpan 60;gravel 90;sand 96;limestone 158.
Con VII "	10	R.Kitchen	O.H.Gow	Dec.19, 1953	4	3	20	6	"	D	Yellow clay 30;yellow clay boulders 50;limestone 122.
Con VIII "	5	J.Cain	"	Aug. 5, 1953	4	10	31	30	"	D	Clay 50;limestone 109.
Con XI "	1	G.Bosomworth	F.L.Davidson	Apr.10, 1954	4	10		0	"	D,S	Hard brown clay boulders 182;gravel 235;sand 246;limestone 257.
Con XI "	15	C.Shantz	O.H.Gow	Dec. 1, 1953	4	10	5	4	"	D	Yellow clay boulders 12;gravel boulders 27;limestone 83.
Con XI "	16	W.N.Johnston	C.Hill	Nov. 2, 1953	4	6	120	20	"	D	Limestone 125.
Con XI "	16	J.D.MacKenzie	"	Nov.29, 1954	4	10	55	36	"	D	Top soil 2;fine sand 21;rough gravel 38;white limestone 108.
Con XI "	18	W.Stafford	"	Mar.13, 1953	4	10	80	55	"	D	Clay loam 20;gravel 70;limestone 200.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
WELLINGTON COUNTY cont.										
Nichol Twp. cont.										
Con XI lot 18	P. Keating	J. R. Sprowl	Jan. 25, 1953	4	8	27	27	Fresh	D	Coarse gravel 40; limestone 66.
Con XI " 18	J. Buchan	C. Hill	Jul. 30, 1954	4	10	80	45	"	D	Dug well 29; hard grey limestone 160; white limestone 199.
Con XII " 18	L. Bowman	O. H. Gow	Aug. 20, 1953	4	10	23	22	"	D	Clay 50; limestone 119.
Con XV " 20	C. Allan	"	Dec. 31, 1954	3	5	100	0	"	D	Old well 40; hardpan gravel 120; fine sand 220; gravel 221.
GRSE BF " 5	O. Hansen	C. Hill	Mar. 9, 1954	4	10	70	35	"	D, S	Gravel large stones 29; white limestone 126.
Peel Twp.										
Con I lot 18	Riverside	G. L. Davidson	Aug. 6, 1954	4 1/2	10	60	54	Fresh	In	Clay 10; hardpan 99; sand gravel 136; hardpan 156; sand gravel 165; shale 178; limestone 208.
Con I " 19	C. Brubacher	J. Sauder	Jun. 26, 1954	4	15	85	75	"	D	Top soil 2; brown clay 8; blue clay 110; soft black clay 111; brown clay sand 135; red clay stones 165; coarse sand clay 173; brown limestone 212; red shale 216; blue rock 225.
Con III " 8	A. Metzger	P. L. Davidson	Nov. 18, 1953	4	12	80	70	"	D, S	Clay sand boulders 136; rock 173.
Con III " 19	A. Eby	J. Sauder	Jun. 7, 1954	4	1/2	60	35	"	D, S	Open hole 4; stones 10; blue clay 70; sand 73; blue clay 140; rock 164.
Con V " 11	M. Gingrich	G. L. Davidson	Aug. 21, 1954	4	10	85	85	"	D, S	Old well 16; hardpan 62; clay 65; hardpan 165; sand 172; hardpan 195; shale 201; limestone 220.
Con VII " 16	E. Bauman	P. L. Davidson	Mar. 20, 1954	4	6	100	78	"	D, S	Clay streaks of gravel 163; limestone 201.
Con VII " 18	A. M. Weber	"	Jul. 4, 1953	4	10	60	48	"	D, S	Clay 50; till 200; blue shale 211; brown limestone 232.
Con XIV " 10	School	D. H. Gow	May 16, 1953	4	5	260	60	"	P	Brown clay 40; sand 220; gravel 260.
Con XV " 10	A. Arnold	P. L. Davidson	Sep. 18, 1954	4	10	85	78	"	D, S	Hardpan 22; sand 35; clay stones 62; sand 124; hard clay 148; sand 160; hardpan stones 228; gravel 241; blue clay 290; hard clay 300; marl 338; sand 350; red clay 376; gravel 391.
Pilkington Twp.										
GRE Con II lot BF	Grand Valley Authority	C. Hill	Apr. 3, 1954	4	15	40	4	Fresh	P	Rough gravel 6; shale 16; hard grey rock 95; white limestone 137.
GRE Con IV " 9	McKim & Hewittson	J. L. Graham	Mar. 12, 1954	4 1/2	7	52	42	"	D, S	Top soil 2; sandy clay 80; gravel 82; sandy clay 114; gravel 118; sandy clay 120; gravel 129; grey rock 180; brown rock 264.
GRE Con IV " 9	School SS #5	"	Apr. 2, 1954	5	7	50	36	"	P	Top soil 2; sandy clay 18; stony clay 20; sand gravel 90; sand 100; sand gravel 106; blue rock 140; grey rock 173.
GRW Con IV " 1	A. C. Wagner	G. L. Davidson	May 22, 1954	4	10	60	60	"	D, S	Clay sand 166; fine sand gravel 205; clay 207; fine sand 245; limestone 268.
GRW Con IV " 2	M. Shantz	J. Sauder	Jan. 27, 1953	4	14		70	"	D	Top soil 2; yellow clay stones 8; hardpan stones 50; blue clay stones 75; hardpan boulders yellow clay 130; hardpan 210; yellow clay fine silt 255; hardpan 270; brown hard sand 280; coarse cemented sand 302; blue soapstone 306; hard rock 318; rock 319.
Fuslinch Twp.										
Con V lot 5	L. Gilmour	O. H. Gow	Sep. 24, 1954	4	10	50	30	Fresh	P	Sand boulders 96; soft grey clay 104; fine sand 107; gravel 108.
Con V " 6	McIlwraith & Edwards	J. L. Graham	Jun. 8, 1953	5	10	60	50	"	D	Sand 35; sand clay stones 52; brown rock 127; white limestone 140.
Con V " 6	W. M. Brown	C. Hill	Jun. 3, 1954	4	10	40	25	"	D	Coarse gravel 32; yellow limestone 104.
Con V " 6	R. McLaren	O. H. Gow	Oct. 7, 1954	4	10	22	20	"	D	Dug well 20; limestone 72.
Con V " 15	P. K. Grigg	J. L. Graham	Mar. 16, 1954	4	7 1/2	30	25	"	D	Gravel stones 11; sand 15; clay gravel stones 21; gravel stones 32; brown rock 34; white rock 91; brown rock 106; black rock 107.
Con V " 16	G. Green	"	Oct. 13, 1953	6 1/2	8	15	14	"	D	Clay stones 15; coarse gravel 22.
Con VI " 14	V. G. Hatherly	"	Oct. 26, 1953	4 1/2	6	80	44	"	D	Top soil 2; stones clay 20; gravel 35; sandy clay 71; hard sand 82; white limestone 134; black rock 144.
Con VI " 15	J. Hanlon	J. L. Graham	Jun. 10, 1953	4	7	44	34	"	D	Top soil 3; gravel stones 7; hardpan clay 19; sand little clay 21; clay 51; gravel small stones 54; sandy hardpan 75; white rock 118; yellow sand rock 136.

WELLINGTON COUNTY-cont.

Paslinch Twp. cont.

Con VII	lot 1	B.H. MacNeill	J.L. Graham	Dec. 8, 1954	5	7	57	47	Fresh	D	Stones sand clay 78; light-brown rock 114; grey rock 120; white limestone 123.
Con VII	" 2	J. Cox	"	Oct. 14, 1953	4	3	40	17	"	D	Top soil 4; coarse gravel boulders 18; clay gravel 49; hardpan 54; clay gravel sand 62; light-brown rock 106; black rock 158; light brown rock 164; grey rock 213.
Con VII	" 3	D. Hesketh	"	Nov. 19, 1953	6	5	32	28	"	D	Dug well 16; clay boulders 47; light-brown rock 91; white rock 110.
Con VII	" 4	"	"	Dec. 21, 1953	6 1/2	3	70	52	"	D	Clay stones 84; gravel 90; clay stones 110; brown limestone 147.
Con VII	" 8	C. Campbell	C. Hill	Sep. 28, 1954	4	7	23	7	"	D	Rough gravel 31; grey limestone 80.
Con VII	" 11	W.J. Clarke	J.L. Graham	Oct. 1, 1954	4	8	48	38	"	D	Stones clay 60; sand little clay 93; light-brown limestone 130; light-blue rock 151.
Con VII	" 14	J.M. Bond	"	Nov. 11, 1953	4 1/2	6	70	40	"	D	Stones clay 40; gravel 60; sandy clay 85; clay stones 115; gravel 117; brown rock 143; black rock 151.
Con VII	" 31	United Church Brethern	"	Sep. 4, 1953	5	7	26	23	Slightly Sulphur	D	Top soil 3; clay gravel 9; clay 38; gravel clay 54; sand 62; gravel 76; clay 89; cemented gravel 91; brown rock 134; black rock 140.
Con VIII	" 2	G. Boreham	"	Aug. 16, 1954	4 1/2	7	22	20	Fresh	D, S	Dug well 5; gravel 10; clay stones 18; gravel 20; clay stones 64; brown rock 106.
Con VIII	" 4	J.F. White	"	Apr. 19, 1954	5	10	60	36	"	D	Top soil 1; stones sand gravel 65; brown rock 123; black rock 153.
Con VIII	" 5	L. Hefferman	"	Jun. 24, 1954	4 1/2	8	61	34	"	D	Top soil 2; clay stones 73; grey rock 111; black rock 124; grey rock 136.
Con VIII	" 5	Robinson & A. Balston	"	Jun. 29, 1954	4 1/2	10	28	28	"	D	Top soil 1; stones clay 62; yellow-brown rock 107; grey rock 110.
Con VIII	" 5	A. Korkorian	"	Jul. 5, 1954	4 1/2	6	74	34	"	D	Top soil 2; clay stones 71; grey rock 122; black rock 150.
Con VIII	" 5	H. Dempsey	C. Hill	Oct. 16, 1954	4	10	42	36	"	D	Hardpan 61; rough gravel 77; grey limestone 101.
Con VIII	" 5	J. Carter	J.L. Graham	Dec. 24, 1954	4 1/2	10	44	34	"	D	Stones clay 64; sand clay 67; light-brown rock 125.
Con VIII	" 6	E. Ariss	"	Jun. 28, 1954	4 1/2	4	70	40	"	D	Pit 7; stones clay 20; gravel 22; stones clay 75; brown rock 103.
Con VIII	" 7	G. Bowman	O.H. Gow	Sep. 14, 1953	4	10	10	7	"	D	Gravel 60.
Con VIII	" 7	G. Black	J.L. Graham	Jun. 2, 1954	4 1/2	5	Flows	"	"	D	Top soil 1; stony clay 51; light-brown rock 86.
Con VIII	" 8	W.J. Clark	C. Hill	Sep. 28, 1953	4	10	25	10	"	D	Clay 10; gravel 45; sand 59; limestone 100.
Con VIII	" 22	L. Broadhead	J.L. Graham	Jul. 8, 1954	4 1/2	10	26	16	"	D, S	Top soil 1; stones clay 40; sand stones clay 73; sandy clay 74; grey rock 100.
Con IX	" 1	C. Wearing	C. Hill	Oct. 15, 1954	4	6	100	30	"	D	Gravel large stones 65; sticky clay 73; hard black rock.
Con IX	" 3	H. Lodge	"	Aug. 26, 1954	4	10	25	21	"	D	Dug hole 7; hardpan large stones 69; hard black rock 121.
Con IX	" 6	G. Lasby	J.L. Graham	May 12, 1953	6 1/2	6	50	38	"	D, S	Top soil 6; gravel stones 11; sand 14; clay 22; gravel sand 25; clay small stones 46; sand gravel 49; clay stones 53; light-brown rock 78; white rock 118; black rock 141; dark-brown rock 147.
Con IX	" 7	L. Metcalf	"	Jul. 20, 1953	4	5	29	9	"	D	Clay stones 33; brown rock 96.
Con IX	" 7	K.W. Roberts	C. Hill	Sep. 16, 1953	4	10	100	40	"	D	Clay loam 10; hardpan 25; gravel 55; limestone 125; grey rock 200.
Con IX	" 7	V. Rychman	J.L. Graham	Feb. 24, 1954	5	3	37	18	"	D	Clay stones 19; gravel 21; clay stones 39; fine sand 41; light-brown rock 79; white rock 104.
Con X	" 36	B. Hunter	C. Goodberry	Oct. 20, 1953	6	5	21	Fresh	"	"	Loam 12; shale 37; blue limestone 61.
Gore	" 38	A. Duff	W. Packham	Oct. 21, 1954	6 1/2	12	30	18	"	D	Clay with stones 20; shale 22; limestone 45.
Gore	" 39	J.A. Mathis	"	Oct. 24, 1954	6 1/2	17	15	2	"	D	Clay sand stones 10; sand gravel 20; gravel 25.
West Garafraxa Twp.											
Con I	lot 6	J. Lillie	O.H. Gow	Dec. 15, 1953	4	7	35	32	Fresh	D	Gravel boulders 10; limestone 70.
Con I	" 7	J. Riddell	"	Dec. 12, 1953	4	10	32	32	"	D	Gravel boulders 12; limestone 98.
Con III	" 6	A. Watkins	C. Hill	Jun. 26, 1954	4	10	18	18	"	D	Gravel soil 3; broken rock 20; light-grey limestone 45; hard grey rock 76.
Con III	" 6	P. Clark	O.H. Gow	Jul. 1, 1954	4	10	12	10	"	D	Boulders gravel 18; limestone 92.
West Luther Twp.											
Con II	lot 10	W. Orr	F.L. Davidson	Nov. 10, 1953	4	14	75	56	Fresh	D, S	Gravel clay boulders 171; limestone 209.
Con I	" 9	Farmers Co-Op	F.H. McLuhan	Mar. 26, 1954	4	25	12	10	"	D	Top soil 2; gravel 10; shale rock layers of mud 20; white limestone 75; hard rock layers of shale 80.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY Ancaster Twp.										
Con I lot 2	J.Wesley	I.L.Davis	Jul. 1, 1953	6			100	Fresh	S	Blue clay 140; limestone 180.
Con I " 52	T.Herman	A.B.Clark	Oct. 23, 1953	6 1/2	10	30	25	"	D	Top soil 2; yellow clay 4; limestone 65.
Con II " 13	W.Barttles	I.L.Davis	May 24, 1954	6 1/2	3	70	30	"	S	Blue clay 140; limestone 150.
Con II " 41	Village of Ancaster	S.R.Gill	Jul. 5, 1954	6 1/2	15	100	64	"	P	Sandy soil 35; boulders 38; sand pebbles 46; gravel 48; grey clay 68; gravel 72; grey clay 135; sand silt 170; clay gravel 202; hardpan 218.
Con II " 41	Ancaster Public Utilities Comm	International Water Supply Ltd.	Jul. 25, 1954	4	30	63 1/2	61 1/2	"	T	Red clay 18; hard packed sandy red clay 61; flat boulders gravel blue clay streaks 66; boulders gravel sand 69; fine gravel loose sand 71; fine sand blue clay 73; cemented sand gravel boulders 75; broken gravel boulders sand red and blue clay streaks 84; soft blue clay 89; blue clay gravel 92.
Con II " 42	J.Fahlenbach	A.B.Clark	Aug. 16, 1954	6 1/2	40	80	75	Fresh	P	Yellow clay 158; limestone 165.
Con II " 45	Twp. Ancaster	International Water Supply	Aug. 6, 1953	10	50	52	14	"	P	Clay 7; clay gravel 18; limestone 74 1/2.
Con II " 45	Vlg. Ancaster	S.R.Gill	Jul. 12, 1954	6 1/2	75	30	10	"	P	Brown clay gravel 30; quicksand 37; gravel 42; boulders 66; brown clay pebbles 67; limestone 82.
Con II " 47	A.Thorburn	A.B.Clark	Nov. 20, 1954	6 1/2	7	30	24	"	D	Clay 30; limestone 48.
Con II " 52	C.Horsley	"	Nov. 16, 1953	6 1/2	5	50	30	"	P	Top soil 1; yellow clay 11; limestone 70.
Con II " 53	M.MacDonald	D/M Ashbaugh	Jun. 22, 1954	5 1/2	15	6	5	"	D	Yellow clay 7; limestone 29.
Con II " 55	B.Riegler	A.B.Clark	Jul. 12, 1954	6 1/2	10	30	27	"	D	Brown clay 37; limestone 37 1/2.
Con II " 55	F.Kemp	Embleton & Son	Aug. 13, 1954	6 1/2	3	57	24	"	D	Brown clay fill 2; dark clay loam 3; brown and grey clay with light and dark streaks 19; blue clay 26; grey limestone 47; very white limestone 59.
258 Con II " 56	HA/AD Cox	S.R.Gill	Nov. 8, 1954	6 1/2	5	26	15	"	D	Top soil 2; brown clay 16; limestone 30.
Con II " 57	A.MacArthur	D/M Ashbaugh	Oct. 20, 1953	5 1/2	5	18	16	"	D	Top soil 20; limestone 42.
Con III " 13	M.Ward	I.L.Davis	Jan. 15, 1953	6 1/2	1	100	20	"	S	Blue clay 145; bedrock 175.
Con III " 31	E.Acheson	A.B.Clark	Oct. 30, 1953	6	10	50	30	"	D	Top soil 1; yellow clay 111; limestone 130.
Con III " 31	J.Weston	S.W.Merritt	Nov. 27, 1954	6 1/2	1	140	50	"	D	Clay 20; quicksand clay 115; Niagara rock 140.
Con III " 35	H.Smith	A.B.Clark	Oct. 10, 1953	6 1/2	15	15	15	"	D	Top soil 1; yellow clay fine sand 100; limestone 103.
Con III " 35	C.Marshall	"	Dec. 28, 1953	6 1/2	3	40	33	"	D	Sandy loam 108; limestone 150.
Con III " 35	W.E.Shavir	"	Apr. 15, 1954	6 1/2	1	130	40	Sulphur	D,S	Brown clay 65; quicksand 105; limestone 130.
Con III " 36	C.Dunbrak	H.E.Cross	Jul. 20, 1953	5 1/2	4	30	24	Fresh	D	Yellow clay 100; limestone 110.
Con III " 37	Barton Realty	I.L.Davis	Dec. 1, 1954	6 1/2				"		Yellow clay 20; yellow sandy clay 100. Dry hole.
Con III " 37	"	W.Packham	Dec. 3, 1954	6 1/2	1	100	55	"	D,S	Old well 100; sand clay 145; brown limestone 185.
Con III " 41	Vlg. Ancaster	S.R.Gill	Jun. 16, 1954	6 1/2	2	188	100	"		Brown clay stones 35; fine sand 75; quicksand 85; sandy clay 155; limestone 188. Not enough water for village use.
Con III " 42	"	"	Mar. 25, 1954	6 1/2	6	150	140	"		Brown stony clay 15; sandy clay 35; quicksand 100; blue clay 113; fine gravel 118; limestone 150. Not enough water for village use.
Con III " 42	"	"	Apr. 13, 1954	6 1/2	3	137	130	"		Brown clay stones 16; sandy clay 40; quicksand 101; blue clay 114; fine gravel 124; limestone 137; Not enough water for village use.
Con III " 43	"	"	Apr. 27, 1954	6 1/2	2	130	125	"		Brown clay stones 20; sandy clay 40; quicksand 100; gravel sand 116; fine gravel 123; limestone 130. Not enough water for village use.
Con III " 43	"	"	May 10, 1954	6 1/2	3	100	90	"		Brown clay 17; sand clay 39; quicksand 90; limestone 100. Not enough water for village use.
Con III " 48	"	"	Apr. 30, 1954	6 1/2	6	140	90	"		Brown clay 25; quicksand 33; hardpan 48; blue clay 92; fine gravel 119; limestone 140. Not enough water for village use.
Con III " 48	H.Thomas	A.B.Clark	Jun. 10, 1954	6 1/2	2	74	50	"	D	Brown clay 80; limestone 104.
Con III " 51	E.L.Colwell	A.B.Clark	Jul. 1, 1954	6 1/2	5	25	20	"	D	Brown clay 42; limestone 49.
Con IV " 21	J.Telfer	R.Featherstone	Feb. 19, 1953	5	1	107	18	"	D	Yellow clay 20; blue clay some sand 100; stones blue clay 105; grey limestone 107.

## WENTWORTH COUNTY-cont.

## Ancaster Twp.-cont.

Con IV	lot 21	J. Paluck	R. Featherstone	Mar. 25, 1953	5½	2	139	23	Sulphur	P	Yellow clay 15; blue clay sand streaks few stones 112; grey limestone 129; shale 130; grey limestone 137; white limestone 139.
Con IV	" 22	W. Ferguson	I. L. Davis	Jan. 30, 1954	6½	3	51	40	Fresh	S	Hard brown clay 20; blue clay 115; blue rock 120.
Con IV	" 31	W. Woof	A. B. Clark	Oct. 8, 1954	6½	10	19	19	"	D	Clay 80; limestone 94.
Con IV	" 33	T. Dobrorki	I. L. Davis	May 1, 1954	6½	13	60	40	"	P	Hard brown clay 20; blue clay 100; limestone 105.
Con IV	" 34	E. Stevens	R. Featherstone	Jan. 4, 1954	5½	4	32	32	"	S	Yellow clay 16; blue clay streaked with sand 92; limestone 99.
Con IV	" 36	W. E. Shaver	A. B. Clark	Nov. 15, 1954	6½	8	30	28	Sulphur	D, S	Clay 90; limestone 178.
Con VI	" 36	J. Penny	R. Featherstone	May 8, 1953	5½	2	47	32	Fresh	D, S	Yellow clay 16; sand 21; blue clay sand streaks 74; gravel little clay 78.
Barton Twp.											
Con VI	lot 13	C. Hannaha	D & M Ashbaugh	Jul. 21, 1953	5½	4	12	9	Sulphur	D	Top soil 17; limestone 25.
Con VI	" 13	G. Cartbridge	"	Dec. 15, 1953	5½	3	12	12	"	In	Top soil 18; limestone 29.
Con VI	" 14	E. Jones	H. E. Cross	Mar. 17, 1953	5½	3	20	17	Fresh	D	Yellow clay 10; hard grey limestone 39.
Con VI	" 14	E. Cooper	D & M Ashbaugh	Jun. 1, 1953	5½	6	6	4	Sulphur	D	Top soil 2; limestone 17.
Con VI	" 14	J. Bathune	A. B. Clark	Jul. 14, 1953	6½	15	10	8	Fresh	D	Top soil 1; yellow clay 7½; limestone 26.
Con VI	" 14	"	"	Jul. 24, 1953	6½	15	10	7	"	D	Top soil 1; yellow clay 10; limestone 38.
Con VI	" 14	"	"	Sep. 7, 1953	6½	15	12	10	"	D	Top soil 1; yellow clay 17; limestone 39.
Con VI	" 15	O. Towson	H. E. Cross	Mar. 25, 1953	5½	2½	10	4	"	D	Yellow clay 6; medium grey limestone 22.
Con VI	" 15	R. Gibbs	"	Jun. 5, 1953	5½	3	15	12	"	D	Yellow clay 19; hard grey limestone 27.
Con VI	" 15	L. Wasylin	W. Packham	Aug. 27, 1953	6½	10	14	12	"	D	Clay 11; hard limestone 24.
Con VI	" 15	W. Coombs	H. E. Cross	Nov. 21, 1953	5½	3	10	3	"	D	Clay 8; limestone 24.
Con VI	" 15	W. Derkach	"	Feb. 4, 1954	5½	7	10	4	"	D	Brown clay 12; limestone 22.
Con VI	" 15	M. Craig	W. Packham	Feb. 10, 1954	6½	17	10	3	"	D	Clay 10; shale rock 12; solid limestone 24.
Con VI	" 15	J. Werner	"	Feb. 19, 1954	6½	12	20	6	"	D	Clay 2; shale 4; limestone 27.
Con VI	" 15	K. Korobkin	"	Feb. 25, 1954	6½	2½	25	10	"	D	Clay 22; limestone 30.
Con VI	" 15	J. MacDonald	H. E. Cross	May 12, 1954	5½	8	16	4	"	D	Yellow clay 22; limestone 32.
Con VI	" 15	Grzegozewski	"	Jun. 7, 1954	5½	5	15	13	"	D	Yellow clay 22; limestone 27.
Con VI	" 15	W. Flohrer	"	Jun. 8, 1954	5½	5	15	12	"	D	Yellow clay 21; limestone 26.
Con VI	" 15	R. Rose	"	Jul. 6, 1954	5½	5	20	15	"	D	Yellow clay 31; limestone 38.
Con VI	" 15	H. Weber	"	Oct. 18, 1954	5½	8	12	6	"	D	Clay 11; limestone 28.
Con VI	" 15	G. Bruselema	"	Dec. 3, 1954	5½	6	22	18	"	D	Clay 8; limestone 37.
Con VI	" 16	A. Waise	A. B. Clark	Apr. 17, 1953	6½	15	12	8	"	D	Top soil 2; yellow clay 18; limestone 32.
Con VI	" 16	R. Jardine	H. E. Cross	Jul. 28, 1953	5½	4	22	20	"	D	Clay 6; limestone 63.
Con VI	" 17	M. Coombs	W. Packham	Feb. 9, 1953	6½	8	12	10	"	D	Clay 8; limestone 21.
Con VI	" 19	S. Thompson	D & M Ashbaugh	Jul. 16, 1953	5½	10	42	16	"	D	Top soil 34; limestone 48.
Con VII	" 3	A. Quinn	A. B. Clark	Aug. 8, 1954	6½	10	30	20	"	D	Brown clay 5; limestone 50.
Con VII	" 4	D. Quinn	R. Embleton & Son	Dec. 2, 1953	6	15	36	25	"	D	Very dark clay loam 1; loose shell rock 1½; hard grey limestone 43
Con VII	" 6	C. Gee	A. B. Clark	Jul. 12, 1954	6½	3	40	20	"	D	Brown clay 7; limestone 65.
Con VII	" 6	V. Babbat	"	Aug. 2, 1954	6½	10	20	15	"	D	Clay 4; limestone 60.
Con VII	" 7	J. Gardner	"	Aug. 5, 1954	6½	10	45	40	"	D	Clay 5; limestone 67.
Con VII	" 9	G. Bethune	"	Nov. 5, 1953	6½	15	10	10	"	D	Top soil 1; yellow clay 9; limestone 45.
Con VII	" 10	Ward/Patmore	W. Packham	Jun. 24, 1954	6½	10	10	10	"	D	Clay 12; limestone 33.
Con VII	" 10	J. Rowe	H. E. Cross	Jul. 15, 1954	5½	5	10	8	"	D	Yellow clay 18; limestone 24.
Con VII	" 10	J. Scott	"	Jul. 19, 1954	5½	5	12	8	"	D	Yellow clay 18; limestone 22.
Con VII	" 12	D. Simmons	"	Aug. 21, 1954	5½	5	20	8	"	D	Top soil 1; clay 6; limestone 49.
Con VII	" 13	J. Webb	"	Oct. 1, 1953	5½	4	10	6	"	D	Yellow clay 6; grey limestone 43.
Con VII	" 13	D. O. Bennett	R. Embleton & Son	Mar. 22, 1954	6½	25	35	18	"	D	Dark clay loam ½; brown clay loam 2; brown clay odd stone 5; hard grey limestone 50.
Con VII	" 13	H. Schiltus	D & M Ashbaugh	Jul. 6, 1954	6½	1½	25	25	"	P	Brown clay 6; limestone 45.
Con VII	" 14	J. Bathune	A. B. Clark	Feb. 23, 1953	6½	10	40	30	"	D	Top soil 1; yellow clay 7; limestone 55.
Con VII	" 14	L. Beck	"	Apr. 7, 1953	6½	15	10	10	"	D	Top soil 2; yellow clay 20; limestone 37.
Con VII	" 14	W. Knowles	H. E. Cross	Apr. 15, 1953	5½	3	20	14	"	D	Yellow clay 28; hard grey limestone 38.
Con VII	" 14	W. Richardson	"	Apr. 20, 1953	5½	3	20	16	"	D	Yellow clay 30; hard grey limestone 40.
Con VII	" 15	R. Deljea	A. B. Clark	Aug. 12, 1953	6½	15	35	25	"	D	Top soil 2; yellow clay 6; limestone 60.
Con VII	" 15	W. Tanner	S. R. Gill	Oct. 19, 1953	6½	3	40	34	"	D	Brown clay 8; limestone 57.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY-cont										
Barton Twp.cont.										
Con VII lot 15	G. Ross	S.R. Gill	May 27, 1954	6 1/2	10	28	28	Fresh	D	Top soil 4; limestone 45.
Con VII " 15	J. Bethune	A.B. Clark	Sep. 22, 1954	6 1/2	25	20	15	"	D	Brown clay 20; limestone 45.
Con VII " 16	H. Hill	"	May 12, 1953	6 1/2	5	35	25	"	D	Top soil 1; yellow clay 10; limestone 50.
Con VII " 16	F. Bishop	W. Packham	Jun. 10, 1953	6 1/2	8	50	20	"	D	Hard clay 6; limestone some shale 50.
Con VII " 16	C. Brown	A.B. Clark	Sep. 16, 1953	6 1/2	3	10	10	"	D	Top soil 1; yellow clay 5; limestone 50.
Con VII " 16	J. Marron	S.R. Gill	Feb. 15, 1954	6 1/2	6	12	8	"	D	Clay 5; limestone 50.
Con VII " 16	G. Bentley	"	May 26, 1954	6 1/2	10	25	22	"	D	Top soil 6; limestone 40.
Con VII " 16	School	A.B. Clark	May 28, 1954	6 1/2	4	15	10	"	P	Brown clay 11; limestone 52.
Con VII " 16	G. Bentley	S.R. Gill	Jun. 1, 1954	6 1/2	10	23	23	"	D	Clay 6; limestone 42.
Con VII " 16	"	"	Jun. 15, 1954	6 1/2	12	22	22	"	D	Clay 5; limestone 42.
Con VII " 17	C. Brown	H.E. Cross	Mar. 12, 1953	5 1/2	3	20	15	"	D	Yellow clay 10; hard grey limestone 50.
Con VII " 19	G. Cooley	D & M Ashbaugh	Jun. 15, 1954	5 1/2	15	13	12	"	D	Yellow clay 19; limestone 40.
Con VII " 21	C. Ellis	W. Packham	Jan. 30, 1953	6 1/2	13	25	15	"	D	Clay 23; limestone 35.
Con VII " 21	J. Morton	"	Apr. 30, 1953	6 1/2	17	25	18	"	D	Clay 25; quicksand 53; Niagara limestone 60.
Con VIII " 1	G. Hills	D & M Ashbaugh	May 5, 1954	5 1/2	15	10	10	"	D	Yellow clay 11; limestone 40.
Con VIII " 2	A. May	"	Jun. 7, 1954	6 1/2	1	50	40	Sulphur	D	Old well 37; limestone 53.
Con VIII " 4	J. Scharring	A.B. Clark	Jun. 7, 1954	6 1/2	5	15	10	Fresh	D	Brown clay 7 1/2; limestone 27.
Con VIII " 5	J. Chappel	"	May 12, 1953	6 1/2	3	15	8	"	D	Top soil 1; yellow clay 3; limestone 22.
Con VIII " 5	A. Madill	"	Mar. 18, 1953	6 1/2	15	15	10	"	D	Top soil 1; yellow clay 13; limestone 47.
Con VIII " 5	G. Schieder	D & M Ashbaugh	Jun. 9, 1954	5 1/2	15	15	14	"	D	Yellow clay 12; limestone 32.
Con VIII " 5	J. Tarbutt	S.W. Merritt	Oct. 13, 1954	6	17	48	40	"	D	Clay 6; Niagara rock 69.
Con VIII " 6	J. Kennedy	A.B. Clark	Sep. 25, 1953	6 1/2	15	40	20	"	D	Top soil 1; yellow clay 7; limestone 46.
Con VIII " 6	J. Patafee	"	Jun. 3, 1954	6 1/2	4	25	20	"	D	Brown clay 25; limestone 55.
Con VIII " 6	J. Crockett	"	Jun. 4, 1954	6 1/2	15	35	30	"	D	Brown clay 4; limestone 55.
Con VIII " 6	J. Baker	"	Jun. 25, 1954	6 1/2	15	30	28	"	D	Brown clay 12; limestone 53.
Con VIII " 7	M.R. Seville	S.R. Gill	Dec. 9, 1953	6 1/2	15	10	10	"	D	Top soil 1; yellow clay 5; limestone 45.
Con VIII " 7	E. Baxter	"	Jun. 28, 1954	6 1/2	30	25	15	"	D	Clay 6; limestone 50.
Con VIII " 8	W. Scrvin	"	Jan. 22, 1953	6 1/2	40	25	15	"	D	Top soil 1; yellow clay 7; limestone 52.
Con VIII " 8	J. Pick	"	Feb. 18, 1953	6 1/2	20	8	7	"	D	Top soil 3; yellow clay 10; limestone 45.
Con VIII " 8	G. Johnson	"	Aug. 21, 1953	6 1/2	15	12	10	"	D	Top soil 1; yellow clay 5; limestone 45.
Con VIII " 8	A. Greeves	"	Dec. 21, 1953	6 1/2	19	12	10	"	D	Top soil 1; yellow clay 12; limestone 47.
Con VIII " 8	J. Kaloop	"	Mar. 25, 1954	6 1/2	20	25	20	"	D	Top soil 1; yellow clay 13; limestone 49.
Con VIII " 8	J. Patafie	"	Oct. 26, 1954	6 1/2	50	25	15	"	D	Brown clay 5; limestone 45.
Con VIII " 8	R. Hae	"	Dec. 15, 1954	6 1/2	3	40	15	"	D	Clay 10; limestone 45.
Con VIII " 8	G. Chatten	"	Dec. 24, 1954	6 1/2	15	25	20	"	D	Clay 13 1/2; limestone 47 1/2.
Con VIII " 9	M. Wasulensky	"	Jul. 27, 1953	6 1/2	10	20	0	"	D	Top soil 1; yellow clay 10; limestone 36.
Con VIII " 9	E. Daniels	"	May 6, 1954	5 1/2	35	20	17	"	D	Brown clay 14; limestone 37.
Con VIII " 12	I. Parrish	H.E. Cross	Jan. 6, 1954	5 1/2	8	20	17	"	D	Brown clay 43; limestone 48.
Con VIII " 12	W. Woodward	"	Jan. 8, 1954	5 1/2	8	20	15	Sulphur	D	Brown clay 36; limestone 45.
Con VIII " 13	C. Olmsted	"	Apr. 10, 1953	5 1/2	3	20	12	Fresh	D	Yellow clay 39; hard to medium grey limestone 40.
Con VIII " 15	E. Heinbecker	"	Feb. 28, 1953	5 1/2	3 1/2	20	12	"	D	Yellow clay 21; hard grey limestone 42.
Con VIII " 15	Texaco Oil Co.	S.R. Gill	Nov. 17, 1953	8	11	30	30	"	C	Brown sandy loam 10; brown clay 14; stone clay 20; limestone 80.
Con VIII " 15	R. Skewes	H.E. Cross	Oct. 23, 1954	5 1/2	2	40	35	"	D	Clay 22; limestone 76.
Con VIII " 16	R. Watt	D & M Ashbaugh	Jun. 4, 1954	5 1/2	2	50	30	"	D	Yellow clay 20; limestone 63.
Con VIII " 17	H. Roberts	S.R. Gill	May 11, 1954	6 1/2	15	6	3	"	D	Clay boulders 12; brown clay 28; limestone 30.
Con VIII " 19	H. Bryce	H.E. Cross	Dec. 16, 1953	5 1/2	3	23	21	"	D	Yellow clay 42; limestone 49.
Con VIII " 19	E. Martin	"	May 24, 1954	5 1/2	8	25	23	"	D	Yellow clay 55; limestone 61.
Con VIII " 19	J. Schofield	"	May 26, 1954	5 1/2	8	30	20	"	D	Yellow clay 40; limestone 52.
Con VIII " 19	J. Promfret	"	Jun. 11, 1954	5 1/2	8	35	30	"	D	Yellow clay 55; limestone 63.
Con VIII " 19	M. Lowry	"	Jun. 15, 1954	5 1/2	8	30	20	"	D	Yellow clay 50; limestone 55.
Con VIII " 19	K. Speth	"	Jul. 26, 1954	5 1/2	7	15	12	"	D	Top soil 2; clay 52; limestone 58.

Barton Twp.cont.

Con VIII	lot 19	W. Webb	H.E. Cross	Aug. 2, 1954	5½	8	17	12	Fresh	D	Top soil 3; clay 52; limestone 58.
Con VIII	" 19	J. Ridler	"	Sep. 29, 1954	5½	7	12	10	"	D	Clay 44; limestone 53.
Con VIII	" 19	J. Chalmers	"	Dec. 23, 1954	5½	6	18	15	"	D	Clay 40; limestone 46.
Con VIII	" 20	W. Davies	D & M Ashbaugh	Jan. 4, 1954	5½	20	15	10	"	D	Top soil clay 45; limestone 48.
Con VIII	" 20	D. Shaver	A.B. Clark	Jul. 16, 1954	6½	20	18	9	"	D	Brown clay 19; limestone 29.
Con VIII	" 21	L.A. Ross	R. Embleton & Son	Jan. 19, 1953	6½	30	51	46	"	D	Sandy loam top soil 3; brown clay loam 5; brown clay odd stones packed sand seam 14; blue clay packed sand seams 80; hard grey limestone 86.
Con VIII	" 21	R. Elstone	R. Embleton & Son	Feb. 3, 1954	6½	25	33	28	"	D	Light sandy loam 2; brown sand 19; grey sand 40; grey sand clay streaks 51; clay grey sand stones 54; blue clay stones broken rock 56; grey limestone 65.
Con VIII	" 21	L. Rummery	D & M Ashbaugh	Jun. 18, 1954	5½	15	32	32	"	D	Yellow clay 62; limestone 67.
Beverly Twp.									Slight Sulphur	D, S	
Con I	lot 24	R. George	W. Packham	Feb. 1, 1954	6½	17	50	35	"	S	Sand 125; sand clay silt 170; gravel 176.
Con II	" 24	B. James	L. Purdy	Aug. 20, 1954	5	12	20	20	Fresh	S	Dug well 22; brown clay 41; blue clay 50; brown clay 68; grey limestone 85.
Con II	" 26	L. Smith	S.W. Merritt	Oct. 22, 1954	6½	17	22	18	"	D	Clay sand 20; quicksand 64; Niagara rock 73.
Con II	" 31	Regent/Elhart	S.R. Gill	Oct. 3, 1954	6½	4	50	30	Sulphur	C	Brown clay pebbles 25; grey clay 32; limestone 61.
Con II	" 34	Dundas Producer	"	Aug. 16, 1954	6½	15	65	35	Fresh	S	Brown clay 53; sand 58; grey clay 70; grey sand 72; limestone 100.
Con III	" 8	G. Cornell	I.L. Davis	Jul. 20, 1953	6	8	35	35	"	D	Hard brown clay 8; limestone 47.
Con III	" 33	D. Lyons	L. Purdy	May 12, 1954	5	12	40	20	"	D	Sandy soil 2; light-blue clay 45; grey limestone 91.
Con IV	" 16	B. James	"	Jul. 15, 1954	5	12	18	18	"	D	Dug well 4; grey limestone 30.
Con IV	" 20	M. Roung	"	Mar. 19, 1954	5	12	9	9	"	D	Brownish limestone 36.
Con IV	" 21	J. Bassett	"	Sep. 16, 1953	5½	12	18	16	"	D	Clay 24; brown limestone 53.
Con IV	" 22	J. Graham	"	Sep. 24, 1953	5	12	24	24	"	D	Soil 3; brown clay 20; brown limestone 50.
Con IV	" 22	W. Gibson	"	Mar. 10, 1954	5	12	13	13	"	D	Heavy soil 2; brownish limestone 40.
Con IV	" 22	S. Riddel	"	Apr. 9, 1954	5	15	15	15	"	D	Brown soil 1; clay 4; brownish limestone 45.
Con IV	" 23	J. McLean	"	Sep. 30, 1953	5	12	22	20	"	D	Brown clay 30; grey limestone 60.
Con IV	" 23	W. Taylor	"	Apr. 16, 1954	5	12	18	18	Slight Sulphur	D	Brown soil 2; brown clay 16; limestone 46.
Con IV	" 25	J. Shutler	"	Oct. 9, 1953	5	12	6	5	Fresh	D	Grey limestone 22.
Con IV	" 36	N. Reynolds	"	Sep. 11, 1953	5	12	8	8	"	D	Brown limestone 20.
Con V	" 1	G. Light	"	Oct. 29, 1953	5	12	62	62	"	D	Dug well 25; brown clay 35; grey sand little clay 50; grey clay 60; hard grey limestone 78.
Con V	" 4	B. Borsee	S.R. Gill	Feb. 22, 1954	6½	4	12	10	"	D	Yellow clay 3; limestone 58.
Con V	" 12	M. Purdy	L. Purdy	Nov. 9, 1953	5	6	16	16	"	D	Sandy soil 2; brown clay 5; hard grey limestone 23.
Con V	" 13	F. Simms	S.R. Gill	May 17, 1954	6½	6	12	10	"	D	Top soil 3; limestone 43.
Con V	" 19	F. Kearcy	L. Purdy	Aug. 16, 1954	5	12	18	16	"	D	Soil 2; grey limestone 48.
Con V	" 22	J. Toth	"	Jun. 14, 1954	4½	18	23	20	"	S	Dark heavy soil 2; grey limestone 50.
Con VI	" 6	M. Mullholland	"	Sep. 1, 1954	5	12	35	15	"	S	Dug well 3; grey limestone 40.
Con VI	" 6	Community	"	May 19, 1953	5	12	17	17	"	P	Soil 2; brown clay 17; soft grey limestone 25; hard blue rock 26.
Con VI	" 6	Centre "	"	Jun. 17, 1954	5	5	18	18	"	P	Previously drilled 24; grey limestone 41.
Con VI	" 6	Radkiewicz & Woynilowicz	"	Sep. 6, 1954	4½	12	20	20	"	D, S	Dug well 24; grey limestone 60.
Con VI	" 6	R. Smith	"	Oct. 2, 1954	5	12	32	30	"	D	Soil 2; brown clay 16; clay stones 18; grey limestone 100.
Con VI	" 6	S. Mason	"	Oct. 9, 1954	5	12	32	30	"	D	Drilled



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>WENTWORTH COUNTY-cont</b>										
<b>Beverly Twp.cont.</b>										
Con VI lot 10	Sobisch Bros.	L.Purdy	May 15, 1954	5	18	12	8	Fresh	D	Fill rocks 3; brown clay 6; grey limestone 25.
Con VI " 25	J. Sherban	"	Dec. 4, 1953	5	12	22	22	"	D, S	Dark soil 2; brown clay stones 7; grey limestone 42.
Con VI " 30	E. Ellis	"	Nov. 14, 1953	5	12	16	16	"	D	Sandy soil 2; brown clay 14; grey limestone 39.
Con VII " 6	J. Whittaker	"	Oct. 25, 1954	5	12	20	15	"	D	Dug well 24; hard grey clay 30; clay gravel 42; gravel 45; clay gravel 52; grey limestone 65.
Con VII " 2	W. Myszor	"	Jul. 25, 1953	5	12	12	12	"	D	Cellar 4; grey limestone 25.
Con VII " 3	E. Salamon	S.R. Gill	Oct. 24, 1954	6 1/2	7	23	22	"	D, S	Gravel boulders 33; brown clay pebbles 56; sand gravel 58; limestone 75.
Con VIII " 14	W. Rykman	L. Purdy	May 21, 1953	5	12	12	9	"	D	Clay boulders 9; grey limestone 40.
Con VIII " 14	F. Henton	"	May 27, 1953	5	12	18	16	"	D	Soil 2; clay boulders 18; grey limestone 40.
Con VIII " 14	C. Gilmour	"	Jun. 5, 1953	5 1/2	12	20	12	"	D	Soil 2; clay boulders 11 1/2; grey limestone 40.
Con VIII " 17	Presbyterian Manse	"	Apr. 30, 1953	5 1/2	6	20	18	"	D	Dark sandy soil 4; grey clay 16 1/2; hard grey limestone 65.
Con VIII " 19	W. Elvin	"	May 6, 1953	5 1/2	6	12	12	"	D	Dark sandy soil 3; grey clay 13; hard grey limestone 25.
Con VIII " 21	J. Jennings	"	Nov. 26, 1954	5	12	29	28	"	D	Dark soil 3; brown clay stones 23; grey limestone 50.
Con VIII " 30	E. Riukensum	E. Pegg	Aug. 18, 1954	6	12 1/2	9	8	"	"	Soil 1; stone clay 9; limestone 16; black rock 17.
Con IX " 5	J. Brown	C. Hill	Feb. 19, 1954	4	10	35	35	"	D, S	Gravel large stones 35; sand 75; gravel 88; white limestone 136.
Con IX " 9	J. Jansen	L. Purdy	Aug. 15, 1953	5	12	15	12	"	D	Dug well 15; grey sticky clay 45; fine gravel 52.
Con IX " 14	H. Fietie	"	Jun. 30, 1954	5	18	15	10	"	D	Dark heavy soil 2; brown clay 16; grey limestone 43.
Con IX " 16	A. Zimmerman	"	Jun. 5, 1954	5	18	8	8	"	D	Grey limestone 25.
Con IX " 35	W. Hall	E. Pegg	Aug. 10, 1954	6	6	30	11	"	D, S	Soil 1 1/2; grey limestone 30.
Con X " 10	W. Grier	L. Purdy	Nov. 30, 1954	5	12	23	23	"	D, S	Dug well 25; grey clay 39; grey sand little clay 51; soft blue clay 64; grey limestone 79.
<b>Binbrook Twp.</b>										
Bl. 1 con I lot 5	H. Lester	S.W. Merritt	Apr. 11, 1953	6	16	12	10	Fresh	D	Clay 22; hardpan 23; rock 25.
Bl. 1 con I " 5	C. Henney	"	Apr. 8, 1954	5 1/2	17	12	12	"	D	Clay 18 1/2; boulders 20; Niagara rock 33.
Bl. 1 con II " 1	W. Staples	"	Aug. 30, 1954	6	17	22	22	"	D, S	Clay 26; Niagara rock 34.
Bl. 1 con II " 1	R. Dovey	W. Packham	Aug. 31, 1954	6 1/2	7	28	18	"	"	Clay 17; limestone 25; shale rock 28.
Bl. 1 con II " 5	J. Daw	S.W. Merritt	Jun. 6, 1953	5 1/2	15	10	6	"	D	Clay 18; rock 20.
Bl. 1 con II " 5	F. Lowe	"	Sep. 24, 1953	5 1/2	17	25	24	"	D	Clay 39; rock 39 1/2.
Bl. 1 con II " 5	L. Linkert	"	Aug. 22, 1954	5 1/2	17	27	25	"	D	Clay 39; shale 40.
Bl. 1 con II " 5	R. Stephens	"	Sep. 20, 1954	5 1/2	17	24	24	"	D	Clay 20; gravel boulders 39; Niagara rock 42.
Bl. 1 con II " 5	W. Parnham	"	Sep. 28, 1954	5 1/2	17	20	16	"	D	Clay 17; shale 18 1/2; Niagara rock 33.
Bl. 1 con II " 5	"	"	Sep. 30, 1954	5 1/2	17	18	18	"	D	Clay 18; shale 19; Niagara rock 33.
Bl. 1 con IV " 1	V. Goodale	W. Packham	Sep. 18, 1953	6 1/2	20	50	14	"	D, S	Clay 40; clay sand 65; sand gravel 75.
Bl. 1 con IV " 5	W. Griffin	"	Sep. 8, 1953	6 1/2	15	80	25	slight Sulphur	S	Clay 82; Niagara limestone 92.
Bl. 2 con I " 1	J. Lawson	R. Embleton & Son	Jul. 6, 1953	6 1/2	25	14	4	Fresh	D	Dark clay loam 2; brown clay stone 4; brown and grey clay odd stone pebbles 8; grey clay pebbles 12; soft blue clay 26; blue clay broken loose rock 29; grey limestone 32.
Bl. 2 con I " 1	G. Lambert	S.W. Merritt	Sep. 15, 1953	6	8	18	16	Fresh	D	Clay 20; rock 23.
Bl. 2 con I " 1	C. Hearn	"	Sep. 18, 1953	6 1/2	17	16	16	"	D	Clay 20; rock 29.
Bl. 2 con I " 1	D. Dawson	"	Sep. 19, 1953	6 1/2	17	18	16	"	D	Clay 29; rock 31.
Bl. 2 con I " 1	A. Nixon	A.B. Clark	May 15, 1954	6 1/2	3	20	15	"	D	Brown clay 33; limestone 34.
Bl. 2 con I " 1	R. Chandonnet	S.W. Merritt	Aug. 9, 1954	6 1/2	17	16	14	"	D	Clay 21; gravel boulders 23; Niagara rock 26.
Bl. 2 con I " 1	N. Pearson	"	Sep. 30, 1954	5 1/2	17	18	18	"	D	Clay 28; Niagara rock 30.
Bl. 2 con I " 2	W. Parnham	"	Feb. 14, 1953	5 1/2	10	18	8	"	D	Clay 17; rock 26.
Bl. 2 con I " 2	"	"	Sep. 29, 1953	6	7	18	15	"	D	Clay 17; rock 37.
Bl. 2 con II " 1	S.A. Russ	"	Sep. 23, 1954	6	17	22	15	"	D	Clay 22; Niagara rock 31.
Bl. 3 con I " 1	N. Paroa	"	Jul. 28, 1954	5 1/2	17	15	15	"	D	Clay 38; gravel 40.
Bl. 3 con I " 2	A. Gris	"	Jul. 30, 1954	6	17	13	13	"	D	Clay 45; grey shale 46.
Bl. 3 con I " 5	W. Lester	W. Packham	Jul. 15, 1954	6 1/2	13	30	10	"	D	Clay 21; limestone 43.
Bl. 3 con III " 5	W. Bruce	S.W. Merritt	Apr. 8, 1954	5 1/2	17	50	50	"	D	Clay 76; Niagara rock 80.
Bl. 4 con I " 1	C. Swaize	W. Packham	Dec. 10, 1953	6 1/2	13	40	15	"	D	Clay 20; solid limestone 49.

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Bl.4 con II lot 1

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY-cont.										
East Plamboro Twp.										
cont.										
Con IV	lot 4	W. McDonald	W. Packham	Jul. 29, 1954	5 1/2	1 1/2	60	18	Fresh	D Clay stones 15; shale rock 24; solid limestone 60.
Con IV	" 4	C. Arkell	"	Aug. 5, 1954	6 1/2	17	30	10	"	D Clay stones 15; shale rock 22; solid limestone 40.
Con IV	" 8	G. Wilkinson	J. O'Connor	Feb. 19, 1953	5 1/2	20	15	6	"	D Dirty gravel 23; clean gravel 25.
Con IV	" 8	L. Eden	"	Jul. 20, 1954	5 1/2	3	25	16	"	D,S Sandy soil 18; shelly rock 25.
Con IV	" 8	L. Guenther	W. Packham	Sep. 16, 1954	6 1/2	8	20	8	"	D Clay 15; sand broken rock 22; solid limestone 33.
Con IV	" 8	J. Binkley	"	Sep. 24, 1954	6 1/2	12	16	16	"	D Sandy clay 10; sand 25; sand clay 48; limestone 57; coarse gravel 58
Con IV	" 10	L. Johnson	"	Aug. 20, 1953	6 1/2	17	50	28	"	D Sandy clay 30; sand 58; limestone 75.
Con IV	" 11	C. Drummond	J. O'Connor	Jun. 24, 1953	6 1/2	7	60	14	"	D Gravel boulders 20; quicksand 61 1/2; limestone 65.
Con V	" 4	E. Porth	W. Packham	Jan. 14, 1953	6 1/2	17	20	12	"	D Sand loam 35; limestone 48.
Con V	" 8	E. Krulikowski	J. O'Connor	Jul. 13, 1953	6 1/2	1 1/2	25	25	"	D Sand 35; shelly rock 38; limestone 55.
Con V	" 9	P. Morrison	C. Hill	Jan. 13, 1953	4	5	120	34	"	D Sandy loam 60; gravel 82; hard black rock 125.
Con VI	" 8	C. Roberts	J. O'Connor	Jan. 26, 1953	5 1/2	2	50	20	"	D Sand gravel 50; clean gravel 53.
Con VI	" 8	A. Bell	"	Aug. 3, 1953	6 1/2	10	50	10	"	D Blue clay sand gravel boulders 55; clean gravel 57.
Con VI	" 8	"	"	Aug. 18, 1953	6 1/2	35	6	6	"	D Quicksand packed sand 57; clean white grit 58.
Con VI	" 9	J. Gallagher	R. Embleton & Son	Feb. 20, 1953	6 1/2	35	29	26	"	D Dark sandy loam 2; brown sand fine and coarse gravel stones 13; coarse and fine grey sand clay gravel stones 22; pure coarse and fine gravel stones 35; pure coarse gravel 43.
Con VI	" 13	Downy/Alderson	J. O'Connor	Apr. 10, 1953	6 1/2	11	76	38	"	In Quicksand 86; shelly rock 96.
Con VII	" 13	J. Zanick	E. Pegg	Jul. 2, 1954	5	11	22	14	"	D Soil 4; boulders 8; clay 12; boulders 18; clay 20; boulders 23; runny blue clay 30; limestone 33; gravel stones clay 40; black black rock 42; shale rock 46.
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Con VIII	" 4	H. L. Green	W. Packham	Aug. 13, 1954	6 1/2	1 1/2	60	15	"	D Clay stones 30; sand stones 50; grey limestone 58; grey shale 70.
Con VIII	" 5	P. Tonsley	"	May 8, 1953	6 1/2	17	25	16	"	D Sandy clay 20; sand gravel 27; rock 30.
Con VIII	" 5	H. Wilson	"	Oct. 11, 1953	6 1/2	12 1/2	20	12	"	D Sandy loam 6; fine sand 15; sand gravel 20; gravel 27.
Con VIII	" 6	A. Bloggden	"	Jun. 15, 1953	5 1/2	17	50	40	"	D Old well 65; clean gravel 75.
Con VIII	" 7	M. McIlroy	"	Apr. 24, 1953	6 1/2	17	25	15	"	D Clay small stones 22; white limestone 43.
Con VIII	" 7	W. Johnston	"	Jul. 24, 1953	6 1/2	17	20	10	"	D Sandy clay 20; sand gravel 30; rock 37.
Con VIII	" 7	A. Lambert	"	Jul. 30, 1953	6 1/2	17	28	12	"	D Clay stones 22; limestone 40.
Con VIII	" 7	W. Coverdale	"	Aug. 12, 1953	6 1/2	13	25	12	"	D Sand 26; limestone 42.
Con VIII	" 13	J. Welsh	J. O'Connor	Apr. 22, 1953	6 1/2	2	20	5	"	D Boulders gravel 15; limestone 20.
Con IX	" 7	T. Alderson	W. Packham	May 15, 1953	6 1/2	17	25	18	"	D Old well 30; sand 55; gravel 62.
Con IX	" 7	C. Gudat	"	Apr. 9, 1954	6 1/2	17	25	10	"	D Clay sand stone 25; limestone 45.
Con IX	" 9	N. Walker	"	Oct. 29, 1953	6 1/2	17	30	12	"	D Sandy clay 20; sand gravel clay 35; limestone 43.
Con IX	" 10	I. Goddye	"	Jul. 2, 1953	6 1/2	17	15	10	"	D Sandy clay 14; limestone 25.
Con X	" 13	P. Hunter	J. O'Connor	Mar. 10, 1954	6 1/2	1 1/2	45	26	"	D Sand boulders 34; limestone 45.
Con XI	" 1	W. Bailey	"	Jul. 1, 1954	5 1/2	3	25	15	"	D Boulders 9; limestone 25.
Con XI	" 10	R. D. Pearson	E. Pegg	Aug. 4, 1954	5	7 1/2	26	16	"	D Soil 1; limestone 38.
Con XI	" 12	Farwell Motors	W. Packham	Oct. 15, 1953	6 1/2	17	25	10	"	C Brown clay 10; clay gravel 20; limestone 45.
Con XII	" 4	A. R. Armstrong	E. Pegg	Jun. 7, 1954	6	18	7 1/2	7	"	D Soil 1 1/2; clay stones 12; limestone 36.
Con XII	" 12	P. Bell	"	May 14, 1954	5	15	7 1/2	7 1/2	"	D Till 4; boulders clay 20; boulders sand 22 1/2; rock 32 1/2.
Con XIII	" 1	H. Small	C. Hill	Mar. 3, 1954	4	10	36	36	"	D,S Top soil 2; yellow clay boulders 20; yellow clay pebbles 46; grey limestone 124.
Glanford Twp.										
Con I	lot 1	H. Smith	H. E. Cross	May 10, 1953	5 1/2	3	40	36	Fresh	D Yellow clay 49; hard grey limestone 64.
Con I	" 1	J. Smith	"	Feb. 10, 1954	5 1/2	5	30	25	"	D Brown clay 82; limestone 95.
Con I	" 1	G. Fisher	D & M Ashbaugh	Apr. 30, 1954	5 1/2	10	25	20	"	D Yellow clay 52; limestone 83.
Con I	" 1	R. Teale	H. E. Cross	Jul. 20, 1954	5 1/2	3	18	15	"	D Yellow clay 36; limestone 40.
Con I	" 1	L. Holstein	W. Packham	Oct. 10, 1954	6 1/2	2	55	20	Sulphur	D Clay 50; limestone 62.
Con I	" 2	D. Priestly	H. E. Cross	Sep. 15, 1953	5 1/2	3	104	10	Fresh	D Yellow clay 70; limestone 104.
Con I	" 2	P. Brezay	"	Sep. 21, 1953	5 1/2	4	10	7	"	D Clay 70; limestone 89.
Con I	" 4	R. Teale	"	May 25, 1953	5 1/2	3	35	30	"	D Yellow clay 59; grey limestone 67.

WENTWORTH COUNTY-cont.

Glanford Twp.-cont.

Con I	lot 4	G. Baptist	H.E. Cross	Feb. 2, 1954	5 1/2	5	25	19	Fresh	D	Brown clay 70; limestone 100.
Con I	" 4	H. Braven	D & M Ashbaugh	Feb. 11, 1954	5 1/2	10	15	14	"	D	Top soil clay 73; gravel 75.
Con I	" 5	T.C. Hutton	H.E. Cross	Feb. 15, 1953	5 1/2	3	30	25	"	D	Yellow clay 60; hard grey limestone 65.
Con I	" 5	Ward & Patmore	W. Packham	Apr. 9, 1953	6 1/2	15	20	14	"	D	Sandy clay 52; hard limestone 60.
Con I	" 5	A. Reichert	H.E. Cross	May 18, 1953	5 1/2	3	30	26	"	D	Yellow clay 47; medium hard grey limestone 66.
Con I	" 5	E.O. Kydd	R. Embleton & Son	Jul. 10, 1953	6 1/2	20	41 1/2	18	"	D	Dark sandy loam topsoil 1; brown clay loam sand seams 3; brown clay 14; blue clay odd sand streaks 35; silty sand 42; clay sandy seams 46; blue clay odd broken stone 48; shell rock 50; grey limestone 63.
Con I	" 5	C. Post	W. Packham	Jul. 11, 1953	6 1/2	8	68	50	"	D	Clay 30; silty clay 45; limestone 68.
Con I	" 5	F. Johnstone	R. Embleton & Son	Jul. 15, 1953	6 1/2	18	57	33	"	D	Dark sandy loam top soil 1; very brown clay loam 4; hard streaked mixture of brown and grey clay 16; blue clay odd sand streaks stones 35; silty sand 49; clay sandy seams 57; blue clay odd broken stone 59; shelly 60; hard grey limestone 71.
Con I	" 5	A. Reichert	H.E. Cross	Aug. 10, 1953	5 1/2	4	20	18	"	D	Clay 48; limestone 70.
Con I	" 5	"	"	Oct. 8, 1953	5 1/2	4	20	20	"	D	Yellow clay 28; limestone 30.
Con I	" 5	J. Orth	D & M Ashbaugh	Dec. 24, 1953	5 1/2	3	36	11	"	D	Top soil 40; limestone 52.
Con I	" 5	E. Cross	H.E. Cross	Feb. 27, 1954	5 1/2	3	25	15	"	D	Brown clay 38; limestone 63.
Con I	" 5	W. Cohoe	H.E. Cross	Mar. 8, 1954	5 1/2	8	30	30	"	D	Yellow clay 59; limestone 83.
Con I	" 5	G. Bruulsema	"	Mar. 17, 1954	5 1/2	8	12	10	"	D	Yellow clay 47; limestone 60.
Con I	" 5	E. Smith	"	Mar. 24, 1954	5 1/2	8	15	7	"	D	Yellow clay 40; limestone 47.
Con I	" 5	R. Holland	"	Jun. 4, 1954	5 1/2	5	30	20	"	D	Yellow clay 32; limestone 70.
Con I	" 5	W. Legacy	A.B. Clark	Oct. 1, 1954	5 1/2	10		27	"	D	Brown clay 59; limestone 72.
Con I	" 5	G. Weatherbee	H.E. Cross	Oct. 11, 1954	5 1/2	1	30	30	"	D	Clay 58; limestone 69.
Con I	" 6	E. Livingston	D & M Ashbaugh	Aug. 12, 1953	5 1/2	2	38	23	"	D	Top soil 54; limestone 68.
Con I	" 6	H. Haines	"	Sep. 9, 1953	5 1/2	1	60	20	"	D	Blue clay 35; sand 48; rock 60.
Con I	" 6	A. Alderson	A.B. Clark	Nov. 12, 1953	6 1/2	30	18	12	"	D	Top soil 2; yellow clay 65; limestone 81.
Con I	" 6	J. Miedus	D & M Ashbaugh	May 10, 1954	5 1/2	12	23	20	"	D	Yellow clay 60; limestone 70.
Con I	" 6	C. Fugler	"	May 18, 1954	5 1/2	10	10	7	"	D	Yellow clay 41; limestone 53.
Con I	" 6	C. Stewart	H.E. Cross	May 18, 1954	5 1/2	8	35	30	"	D	Yellow clay 55; limestone 75.
Con I	" 6	F. Fairburn	"	May 20, 1954	5 1/2	8	10	6	"	D	Yellow clay 55; limestone 60.
Con I	" 6	T. Gerrow	D & M Ashbaugh	May 31, 1954	5 1/2	15	20	20	"	D	Yellow clay 62; limestone 66.
Con I	" 6	H. Walter	H.E. Cross	Jul. 9, 1954	5 1/2	3	40	25	"	D	Yellow clay 42; limestone 56.
Con I	" 6	J. Stugill	A.B. Clark	Aug. 18, 1954	6 1/2	20	40	23	"	D	Clay 65; limestone 73.
Con I	" 6	J. deLauriers	S.R. Gill	Sep. 8, 1954	6 1/2	3	30	22	Sulphur	D	Brown clay 28; grey clay pebbles 43; limestone 75.
Con I	" 6	J. Schotsman	A.B. Clark	Sep. 10, 1954	5 1/2	15	30	25	Fresh	D	Brown clay 54; limestone 60.
Con I	" 6	G. Bertollo	D & M Ashbaugh	Nov. 12, 1954	6 1/2	5	25	20	"	D	Soft brown clay 40; sand 67; gravel 67 1/2.
Con I	" 6	G. Bertollo	"	Nov. 16, 1954	6 1/2	3	40	30	"	D	Clay 40; clay sand 64; limestone 68.
Con I	" 6	"	W. Packham	Nov. 20, 1954	6 1/2	5	15	12	"	D	Brown clay 30; silty blue clay 67; limestone 70.
Con I	" 6	J.W. Freeman	H.E. Cross	Nov. 24, 1954	5 1/2	8	20	15	"	D	Clay 52; sandy clay 70; limestone 75.
Con I	" 6	O. Adams	W. Packham	Nov. 29, 1954	6 1/2	10	30	8	"	D	Brown silty clay 33; grey limestone 50.
Con I	" 6	W. Slock	A.B. Clark	Nov. 29, 1954	6 1/2	6	35	30	"	D	Clay 66; limestone 73.
Con I	" 6	J. Pimental	"	Dec. 9, 1954	6 1/2	20	30	30	"	D	Clay 66; limestone 71.
Con I	" 6	G. Bertollo	W. Packham	Dec. 22, 1954	6 1/2	13	65	45	"	D	Clay 30; sandy clay 63; limestone 87.
Con I	" 6	"	D & M Ashbaugh	Dec. 31, 1954	6 1/2	1	40	35	"	D	Soft brown clay 48; clay sand 63; limestone 75.
Con I	" 7	C. Aldridge	"	Jul. 14, 1954	6 1/2	1	50	35	"	D	Brown clay 39; solid limestone 69.
Con I	" 10	B. Johnson	A.B. Clark	May 22, 1953	6 1/2	15	10	10	"	D	Top soil 1; yellow clay 35; limestone 48.
Con I	" 10	J. Rafferty	"	May 29, 1953	6 1/2	15	20	20	"	D	Top soil 1; yellow clay 50; limestone 58.
Con I	" 10	T. Loyds	"	Jun. 29, 1953	6 1/2	15	25	15	"	D	Top soil 1; yellow clay 37; limestone 60.
Con I	" 10	H. Davis	"	Sep. 28, 1953	6 1/2	15	15	10	"	D	Top soil 1; yellow clay 6; limestone 47.
Con I	" 10	L. Zellers	"	Oct. 20, 1953	6 1/2	30	12	10	"	D	Top soil 1; yellow clay 11; limestone 52.
Con I	" 10	R. Bridges	"	Nov. 19, 1953	6 1/2	15	20	15	"	D	Top soil 1; yellow clay 44; limestone 48.
Con I	" 10	H. Betton	"	Nov. 26, 1953	6 1/2	15	15	15	"	D	Top soil 2; yellow clay 41; limestone 47.
Con I	" 10	S. DeGoot	"	May 29, 1954	6 1/2	40	30	20	"	D	Brown clay 18; limestone 50.
Con I	" 10	E. Zellen	S.R. Gill	Sep. 25, 1954	6 1/2	18	25	25	"	D	Brown clay 13; limestone 48.
Con I	" 10	J. Henrika	A.B. Clark	Oct. 22, 1954	6 1/2	20	30	17	"	D	Clay 45; limestone 52.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY-cont. Glanford Twp.cont.										
Con I lot 10	R.V.Chumby	R.Embleton & Son	Jul.28,1954	6½	30	29	24	Fresh	D	Dark clay loam top soil 2;brown clay sandy seams loan 4; mixture of brown and grey clay odd sandy seams 17;very soft running grey clay 35;blue clay odd small stones 45;loose broken rock soft running clay 47;brown limestone 56.
Con I lot 11	W.Winns	D & M Ashbaugh	Sep.26,1953	5½	40	27	17	"	D	Top soil 31;limestone 37.
Con I " 11	H.Copeland	"	Jun.12,1954	5½	2	40	25	"	D	Yellow clay 22;limestone 47.
Con I " 11	J.Lightfoot	"	Jun.25,1954	6½	3	20	15	"	D	Brown clay 24;grey rock 53.
Con I " 11	W.Peake	A.B.Clark	Sep.17,1954	6½	3	30	10	"	D	Clay 14;limestone 50.
Con I " 11	"	"	Oct.19,1954	6½	15	30	28	"	D	Brown clay 14;limestone 50.
Con I " 11	R.Oneil	"	Dec.27,1954	6½	10	40	19	"	D	Clay 47;limestone 64.
Con I " 12	A.Ralston	W.Packham	Nov.14,1953	6½	17	50	20	"	D,S	Clay 30;limestone 72.
Con I " 14	J.Wooley	H.E.Cross	Nov.11,1953	5½	5	22	6	"	D	Clay 6;limestone 22.
Con I " 16	C.Dnaznenji	D & M Ashbaugh	Sep. 3,1953	5½	30	16	14	"	D	Blue clay 11;rock 48.
Con II " 4	J.Low	W.Packham	Nov.10,1954	6½	1	60	30	"	D,S	Brown clay 30;sandy clay 80;limestone 116.
Con II " 5	W.Haigh	D & M Ashbaugh	May 15,1954	5½	10	5	4	slight Sulphur	D	Yellow clay 39;limestone 43.
Con II " 5	L.Jones	"	Oct.18,1954	6½	3	45	42	Fresh	D	Brown clay 47;limestone 58.
Con II " 6	H.Lake	"	Apr. 2,1954	5½	2	60	24	"	D	Top soil clay 52;limestone 70.
Con II " 6	M.Smith	"	Apr. 9,1954	5½	2	50	30	"	D	Yellow clay 60;limestone 74.
Con II " 6	W.Runge	"	Apr.17,1954	5½	2	55	30	"	D	Yellow clay 60;limestone 80.
Con II " 6	E.Lawrence	"	Sep. 1,1954	6½	2	60	40	"	D	Soft clay 48;limestone 66.
Con II " 7	A.Hubber	"	Aug. 6,1953	5½	3	34	27	"	D	Top soil 60;limestone 76.
Con II " 11	E.Marshall	"	Sep.22,1954	6½	15	30	30	Sulphur	D	Clay 30;limestone 60.
Con III " 1	A.McArthur	"	Aug.21,1954	6½	3	75	60	Fresh	D	Clay 50;fine sand 105;limestone 110.
Con III " 3	G.Morton	A.B.Clark	Oct.19,1953	6½	5	50	35	"	D	Top soil 1;yellow clay 100;limestone 113.
Con III " 5	H.Lees	D & M Ashbaugh	Nov.10,1954	6½	4	20	20	"	D	Soft clay 40;sand 68;limestone 84.
Con III " 6	H.Mitter	"	Jun.23,1953	5½	3	60	50	"	D	Top soil 84;rock 95.
Con III " 6	W.Bennickie	"	Apr.22,1954	5½	8	45	40	"	D	Yellow clay 78;limestone 85.
Con III " 6	W.Caskenette	"	Aug.30,1954	6½	6	45	40	"	D	Soft clay 50;fine sand 76;gravel 77.
Con III " 13	J.Armes	W.Packham	Sep.26,1953	6½	13	25	18	"	D	Old well 22;silty clay 38;limestone 45.
Con IV " 4	W.Bigger	H.E.Cross	Aug. 5,1953	5½	5	12	12	"	D	Yellow clay 101;limestone 107.
Con IV " 5	S.Bowen	"	Jun.24,1953	5½	4	14	11	"	D	Yellow clay 80;hard grey limestone 95.
Con IV " 5	H.Cross	"	Jul. 1,1953	5½	4	11	11	"	D	Yellow clay 80;hard grey limestone 95.
Con IV " 5	G.Lasslet	"	Jul. 6,1953	5½	5	12	12	"	D	Clay 103;limestone 111.
Con IV " 6	P.Seymour	R.Embleton & Son	Dec.17,1954	6½	20	56	38	"	D	Clay fill top soil 1½;dark-brown clay 4;light-brown clay 8; brown and grey clay 21;grey clay pebbles 35;brown silty sand clay 45;brown silty sand 68;blue clay hard seams pebbles 60; blue clay sand seams 82;blue clay layer of loose rock 84; grey limestone 90.
Con IV " 7	A.Acton	W.Packham	Nov. 6,1953	6½	4	90	25	"	D	Clay 40;sandy clay 85;limestone 98.
Con IV " 9	O.Adams	"	Oct.29,1954	6½	12½	45	23	"	D	Clay 50;sand clay 97;limestone 100.
Con V " 1	J.Gibson	D & M Ashbaugh	Aug.11,1954	6½	1	158	130	"	D,S	Clay 40;sand 80;clay sand 103;limestone 158.
Con V " 4	J.Ridge	H.E.Cross	Dec. 3,1953	5½	4	46	46	"	D	Yellow clay 104;hard grey limestone 109.
Con V " 4	R.Adams	"	Feb.18,1954	5½	15	31	30	"	D	Brown clay 108;limestone 110.
Con V " 5	G.Laslett	"	Jan.24,1953	5½	5	12	12	"	D	Yellow clay 104;hard grey limestone 114.
Con V " 5	A.Clark	"	Apr.25,1953	5½	3	25	18	"	D	Yellow clay 106;hard grey limestone 109.
Con V " 5	D.Wark	"	Jun.10,1953	5½	4	20	16	"	D	Yellow clay 98;hard grey limestone 100.
Con V " 5	A.Watters	"	Aug.20,1953	5½	5	10	10	"	D	Yellow clay 108;limestone 114.
Con V " 5	R.Boomhower	"	May 29,1954	5½	8	50	40	"	D	Yellow clay 107;limestone 112.
Con V " 5	J.Lee	H.E.Cross	Aug. 7,1954	5½	10	36	35	"	D	Top soil 2;clay 55;clay sand 96;limestone 101.
Con V " 5	M.McBride	"	Sep.16,1954	5½	5	19	18	"	D	Clay 60;sandy clay 100;limestone 112.
Con V " 6	L.Barton	D & M Ashbaugh	Jun.15,1953	5½	10	60	30	"	D	Top soil 97;gravel 100.







# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WESTWORTH COUNTY-cont										
Saltfleet Twp.cont.										
Con II lot 21	J.Comeau	S.R.Gill	Jan.27,1953	6½	3		5	Fresh	D	Red clay 8;red shale 30.
Con II " 21	J.Foreman	"	Apr.10,1953	6½	3	8	4	"	D	Red clay 7;red shale 30.
Con II " 21	M.Lloy	"	Apr.22,1953	6½	3	10	8	"	D	Red clay 8;red shale 28.
Con II " 21	R.Wilkinson	R.Embleton & Son	May 14,1953	6½	5	22	3	"	D	Dark clay loam 1;red and blue clay hard streaks 9;red shale rock 26.
Con II " 21	C.Harrie	S.R.Gill	Jul.22,1953	6½			12	"	D	Red clay 8;red shale 30.
Con II " 21	J.Hutchison	R.Embleton & Son	Nov.19,1953	6½	3	26	9	"	D	Dark clay loam ½;brown and greyish clay 1;red clay 8;hard and soft streaks of red shale rock 28.
Con II " 21	J.Middleton	"	Dec.31,1953	6½	6	30	11	"	D	Dark clay loam ½;red and greyish clay 1;hard red clay odd stone 9;hard flint soft red and blue streaks of shale 13;hard and soft seams of red shale 32.
Con II " 21	Letourneau	"	May 5,1954	6	4	27	6	"	D	Dark clay loam 2;grey and red clay 4;dark and light seams of red clay 9;shale 30.
Con II " 21	L.Elves	"	May 11,1954	6	½	38	3	Salt	D	Dark sandy loam 1;dark clay loam small stones 2;brown clay 3; grey clay odd stone pebbles hardpan 9;hard and soft streaks red clay stones gravelly and silty streaks 17;red shale 38.
Con II " 21	A.Brenner	"	Sep. 8,1954	6½	3	28	9	Fresh	D	Dark clay loam 1;red and grey clay 4;light streaks red clay 12;red shale 32.
Con II " 21	Sparton Plumbing	S.W.Merritt	Nov.12,1954	6	4	15	6	"	D	Clay 8;red shale 23.
Con II " 22	P.Stevens	R.Embleton & Son	Oct. 9,1953	6	9	20	11	"	D	Dark clay loam 1;brown and grey clay odd pebbles 3;red clay odd grey streak 7;hard and soft streaks red shale rock 27.
Con II " 22	"	"	Dec.29,1953	6½	9	24	9	"	D	Dark clay loam 1;brown and grey clay odd pebbles 3;red clay odd grey streak 7;hard and soft streaks of red clay flinty streaks 10;red shale rock 30.
Con II " 22	"	"	May 27,1954	6½	2½	26	11	"	D	Clay sand stone 4;dark sandy top soil 5½;brown clay odd stone 7;brown and red clay 9;red clay 13;red shale 30.
Con II " 22	P.Thomson	"	Jun. 2,1954	6	4	25	2½	"	D	Dark clay loam 1;grey and brown clay 2;red and grey clay streaks 3;soft streaks of red clay 9;red shale 29.
Con II " 22	Tatti Const.Co	S.R.Gill	Jun.17,1954	6½				"	D	Red clay 30. Dry hole.
Con II " 22	H.Milligan	"	Jun.18,1954	6½	8	10	8	"	D	Red clay 9;red shale 30.
Con II " 22	P.Patreguin	"	Jun.23,1954	6½	6	10	8	"	D	Red clay 9;red shale 30.
Con II " 22	K.Vandervelde	"	Aug.17,1954	6½	3	14	12	"	D	Boulders red clay 17;red shale 35.
Con II " 22	W.Byrne	"	Sep.29,1954	6½	4	10	7	"	D	Red clay 10;red shale 30.
Con II " 22	A.Thompson	"	Oct.20,1954	6½	3	6	5	"	D	Red clay 12;red shale 35.
Con II " 22	P.Stevens	R.Embleton & Son	Dec.23,1954	6½	5	20	5½	"	D	Red clay 3;dark clay 5;red and grey clay 7;red clay odd stone 9;red shale 30.
Con II " 29	F.Miceli	S.R.Gill	Apr.23,1953	6½	3	19	13	"	D	Brown sand gravel 21;red shale 43.
Con III " 8	H.Biggar	S.W.Merritt	Oct.30,1953	5½	10	35	25	"	D	Clay shale 5;limestone 72.
Con III " 13	W.Rasmussen	R.Embleton & Son	Oct. 3,1953	6	4½	62	34	"	D	Brown clay shell rock ½;loose shell rock clay loam 2;brown and grey streaks of limestone loose seams and layers of rock 5; hard and soft seams grey limestone blue shale 69.
Con III " 14	O.E.Davis	"	Aug.25,1954	6½	3	47	28	Fresh	D	Brown clay very loose broken brown limestone 3;brown and grey limestone 18;soft grey and white and blue seams of limestone 50.
Con III " 18	J.Dereta	S.W.Merritt	Jul.27,1953	5½	4	48	14	"	D	Clay boulders 40;shale 48.
Con III " 18	"	"	Jul.29,1953	5½	5	54	16	"	D	Clay boulders 45;red shale 54.
Con III " 18	W.Kasney	R.Embleton & Son	Aug. 4,1953	6	7	31	9	"	D	Dark clay loam 1;brown clay loam odd sandy seams 4;hard and soft streaks of brown clay stone pebbles 12;brown and grey clay hard large stones 20;large stones red clay 22;hard red shale rock 38.
Con III " 18	J.Dereta	S.W.Merritt	Aug. 5,1953	5½	7	58	16	"	D	Clay boulders 45;soft shale 54;red shale 58.
Con III " 18	W.Yakuvchuck	"	Aug.10,1953	5½	8	37	12	"	D	Clay 27;red shale 37.
Con III " 18	M.Hayden	"	Aug.11,1953	6½	7	39	12	"	D	Clay 28;red shale 39.

WENTWORTH COUNTY-cont.

Saltfleet Twp. cont.

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Con III	lot 18	P. McKeen	S.W. Merritt	Nov. 24, 1953	5	13	60	20	Fresh	D	Clay boulders 58; red shale 62; soft clay 70; red shale 80.
Con III	" 18	M. Pilszak	"	Dec. 4, 1953	5½	7	76	16	"	D	Clay 32; red shale 76.
Con III	" 18	K. Patriguin	R. Embleton & Son	Mar. 30, 1954	6½	25	16	4	"	D	Dark clay loam 1½; brown clay odd pebble 3; brown clay fine gravel odd stone 7; brown clay gravelly streaks hard stone seams 10; stones gravel clay 12; red clay 14; red shale 37.
Con III	" 18	L. Hughes	"	Apr. 13, 1954	7	3	34	7	"	D	Dark clay loam ½; brown clay stones 2½; brown clay pebbles odd stones 7; brown and grey clay pebbles hard seams 13; grey clay odd red seam 17; red clay 20; red shale 40.
Con III	" 18	W. Tufto	S.W. Merritt	May 20, 1954	6	5	30	4	"	D	Clay 12; red shale 30.
Con III	" 18	W. Limin	"	May 21, 1954	6	7	20	4	"	D	Clay 8; red shale 28.
Con III	" 18	F. Patreguin	S.R. Gill	May 21, 1954	6½	4	16	8	"	D	Red clay boulders 8; red shale 30.
Con III	" 18	G. Fisher	S.W. Merritt	May 24, 1954	6	7	20	6	"	D	Clay 10; red shale 30.
Con III	" 18	M. Kynl	"	May 26, 1954	6	5	29	5	"	D	Clay 10; red shale 29.
Con III	" 18	R. Waite	"	May 26, 1954	6	6	30	6	"	D	Clay 12; red shale 30.
Con III	" 18	F. Woods	"	May 26, 1954	6	17	18	4	"	D	Clay 12; red shale 28.
Con III	" 18	L. Hughes	"	Jul. 4, 1954	5½	4	40	20	"	D	Clay boulders 45; red shale 52.
Con III	" 18	M. Kynl	"	Aug. 10, 1954	5½	5	29	8	"	D	Red clay boulders 10; red shale 29.
Con III	" 18	M. Sebastian	"	Aug. 18, 1954	6	4	24	8	"	D	Red clay 12; red shale 30.
Con III	" 18	T. Houghs	"	Dec. 10, 1954	6	7	25	10	"	D	Clay 24; red shale 40.
Con III	" 21	G.W. Wallis	R. Embleton & Son	May 12, 1954					Salt		Dark sandy loam 1; light and dark brown sandy loam 2; clay and sand 4; brown clay 10; grey clay pebbles 18; brown and grey clay stones pebbles 25; red and grey clay streaks pebbles stones 35; blue clay some gravel pebbles odd stone red streaks 45; red clay pebbles stone 47. Abandoned.
Con III	" 25	L.A. Roberts	A.S. Clark	Dec. 1, 1954	6½	15	12	10	Fresh	D	Clay 11; red shale 25.
Con III	" 28	W. Hoyle	W. Packham	Jun. 16, 1954	6½	2½	50	15	"	D	Grey clay 35; red clay 40; red shale rock 50.
Con IV	" 4	P. Grosul	S.W. Merritt	Jun. 7, 1954	5½	17	50	50	"	D	Clay 35; Niagara rock 76.
Con IV	" 5	Armstrong Const	W. Packham	May 12, 1954	6½	2	34	15	"	P	Clay 2; shale 6; limestone 34.
Con IV	" 13	W.R. Allan	R. Embleton & Son	Sep. 11, 1953	6	2½	29	17	"	D	Brown clay loam ½; brown clay loam large and small broken shell rock 2; brown and grey shelly streaks of limestone 5; hard and soft streaks of grey limestone blue shelly limestone 36.
Con IV	" 17	I. Davey	S.W. Merritt	Nov. 19, 1953	6	17	50	48	"	D	Clay 48; rock 63.
Con IV	" 20	J. Sowany	"	Nov. 13, 1954	6	3	20	5	"	D	Clay 5; limestone 30.
Con IV	" 21	W. Hurpison	R. Embleton & Son	Oct. 13, 1953	6	22	21	18	"	D	Dark clay loam ½; brown clay loam broken shell rock 1½; brown shell rock 3; hard and soft streaks grey limestone 36.
Con IV	" 21	P. Zonk	S.W. Merritt	Oct. 15, 1953	6½	13	15	13	"	D	Clay shale 4; Niagara rock 25.
Con IV	" 21	J. Maradin	"	Nov. 16, 1954	5½	17	12	10	"	D	Clay 4; limestone 26.
Con IV	" 31	J. Burns	W. Packham	May 20, 1954	6½	1	17	17	"	D	Clay 32; red shale rock 40.
Con IV	" 31	"	"	May 25, 1954	6½	1	17	17	"	D	Clay 32; red shale rock 40.
Con V	" 7	T. Serrick	R. Embleton & Son	Sep. 8, 1953	6	1	35	28	Sulphur	D	Dark clay loam ½; broken stone 1; broken shell rock 4; grey limestone 36.
Con V	" 9	A. Hrycenko	"	Aug. 19, 1954	6½	35	13	6	Fresh	D	Very black clay loam ½; brown and grey clay odd stone 5; brown and grey clay bed of large and small stones 7; brown and grey clay 12; very soft blue clay 22; grey limestone 34.
Con V	" 15	J. Malgo	D & M Ashbaugh	Dec. 2, 1953	5½	4	9	9	"	D	Top soil 3; red shale 18.
Con V	" 18	E. Bodnar	R. Embleton & Son	Jul. 18, 1953	6	25	16	10	"	D, S	Clay loam loose broken shell rock 2; grey limestone 25.
Con V	" 20	J. Hooker	S.W. Merritt	Apr. 25, 1953	6½	8	20	8	"	D	Clay 14; rock 25.
Con V	" 20	K. White	"	May 6, 1953	5½	8	16	8	"	D	Clay 12; rock 21½.
Con V	" 20	L. Wootton	R. Embleton & Son	May 18, 1953	6½	10	12	4	slight Sulphur	D	Dark clay loam ½; brown clay odd stone pebbles 1½; brown and greyish clay mixed stones 4½; shell rock very thin layer clay 5; hard and soft grey limestone 20.
Con V	" 20	J. Dunbar	S.W. Merritt	Aug. 18, 1953	6½	13	16	8	Fresh	D	Clay 13; rock 26.
Con V	" 20	H. Averink	"	Oct. 9, 1953	6	17	32	32	"	D	Clay 9; Niagara rock 49.
Con V	" 20	R. Kenner	"	Oct. 14, 1953	6	17	15	15	"	D	Clay 14; Niagara rock 38.
Con V	" 21	R. Nason	"	Sep. 29, 1953	6½	17	30	16	"	D	Clay 16; rock 45.
Con V	" 21	J. Legato	"	Oct. 6, 1953	6½	13	24	15	"	D	Clay 15; rock 36½.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY-cont										
Saltfleet Twp.cont.										
Con V lot 21	A.Jackson	S.W.Merritt	Nov.10,1954	5½	17	16	16	Fresh	D	Clay 14;Niagara rock 31.
Con V " 22	W.H.Gamble	R.Embleton & Son	Mar. 9,1954	6	6	27	12	"	D	Rich loam 2;brown clay loam 4;brown and grey clay mixed odd stone small pebbles 9;blue clay 10½;grey limestone 35.
Con V " 25	C.Marshall	"	Apr.24,1954	5½	5	40	27	"	D	Dark clay loam ½;brown clay loose shell rock 1½;loose and shelly brown and grey limestone 3;white and grey limestone mixed 5;grey limestone 48.
Con V " 2	A.Pinton	S.W.Merritt	Oct.10,1954	5½	8	30	20	"	D	Clay gravel 18;Niagara rock 36.
Con V " 27	CHCH TV stn.	A.B.Clark	Nov.20,1953	6½	5	30	15	"	P	Top soil 3;yellow clay 7;limestone 74.
Con VI " 4	L.Tweedle	W.Packham	Apr.27,1954	6½	17	15	10	"	D	Clay 15;limestone 20.
Con VI " 16	A.E.Lovey's	R.Embleton & Son	Oct.21,1953	6½	8	27	11½	slight Sulphur	D	Brown clay top soil ½;brown clay loam odd little stone 2;hard grey clay little stones some pebbles 9;hard grey limestone 31.
Con VI " 16	"	"	Jun.19,1954	6	6	21	6	slight Mineral	D	Loose stones silt 11;very hard grey limestone 26.
Con VI " 17	D.Brown	"	Nov.16,1953	6½	8	31	19½	slight Sulphur	D	Dark clay loam 1;brown clay odd stone 3;hard stony brown clay 10;hard grey limestone 34.
Con VI " 18	J.Cara	S.W.Merritt	Dec. 7,1953	6	17	25	25	Fresh	D,S	Clay 14;Niagara rock 38.
Con VI " 19	A.Skowrarck	"	Apr.30,1953	6½	7	16	7	"	D	Clay 11;rock 24.
Con VI " 19	M.Bliszczuk	"	May 8,1953	6½	10	15	8	"	D	Clay 13;rock 21½.
Con VI " 19	S.Parynyez	"	May 11,1953	6½	12	16	8	"	D	Clay 12;rock 21.
Con VI " 19	N.Mika	"	Oct.18,1953	6	13	16	8	"	D	Clay 12;Niagara rock 24.
Con VI " 23	D.Rexius	"	Apr.28,1953	5½	5	27	8	"	D	Clay 18;rock 27.
Con VI " 25	E.Marek	"	Oct.26,1953	6	17	22	22	"	C	Clay 13;limestone 31.
Con VIII " 2	J.Penfold	"	Jun.14,1954	5½	17	14	14	"	D	Clay boulders 19;Niagara rock 24.
Con VII " 19	D.Murray	"	Aug.14,1954	6	17	25	19	"	D	Clay 16;Niagara rock 46.
Con VII " 20	The Surbian Sister's Camp Site	R.Embleton & Son	Jul.23,1953	6½	9	25	12	"	P	Rich dark loam 2;brown clay odd stone 6;brown and grey clay mixed pebbles stones 13;soft streaks of blue clay 20;broken loose rock 21;grey limestone 31.
Con VII " 25	J.V.Hey	"	Aug.29,1953	6	30	16	12	"	D	Brown clay loam 1;mixture of brown and grey clay streaks 3; grey clay odd stone few pebbles 8;blue clay odd flat stone 10; shell rock 11;grey limestone 25.
Con VII " 25	O.Champagnolo	"	Dec.23,1953	6½	10	25	18	slight Sulphur	D	Dark clay loam ½;brown clay 1½;grey clay odd small stone pebbles 14;very soft blue clay 20;blue clay stone 21;hard grey limestone 31.
Con VII " 26	R.O.Newman	R.Embleton & Son	Aug.19,1953	6	20	19	13½	Fresh	D	Dark clay loam 1;brown clay odd stone 3;mixture of brown and grey clay some pebbles 10;soft blue clay loose rock 16;grey limestone 30.
Con VII " 26	W.North	W.Packham	Dec. 2,1953	6½	8	25	10	"	D	Clay 6;very open shale 9;solid rock 38.
Con VII " 26	N.Hilhearth	A.B.Clark	May 7,1954	6½	2	16	8	"	D	Brown clay 23;limestone 37.
Con VII " 26	J.Kingston	"	Jul. 3,1954	6½	20	16	10	"	D	Brown clay 22;limestone 32.
Con VII " 26	E.W.Ross	"	Sep.10,1954	6½	2	30	7	"	D	Clay 11;limestone 30.
Con VII " 26	H.Nudde	R.Embleton & Son	Oct. 1,1954	6	30	19	17	"	D	Dark clay loam 1;brown clay loam 2;brown clay 3;mixture of hard brown and grey clay streaks pebbles 12;brown clay some stones 13;brown limestone 26;very dark loose limestone 29.
Con VII " 26	J.Sandonija	A.B.Clark	Oct.16,1954	6½	10	20	10	"	D	Brown clay 7;limestone 34.
Con VII " 26	G.Glenn	"	Oct.22,1954	6½	20	20	11	"	D	Clay 16;limestone 31.
Con VII " 26	J.Goddard	"	Dec. 7,1954	6½	5	15	10	"	D	Clay 3½;grey limestone 31.
Con VIII " 16	E.Harse	S.W.Merritt	May 12,1953	5½	17	19	19	"	D	Clay 27;rock 28.
Con VIII " 16	E.Lerch	"	Oct.20,1953	5½	17	26	24	"	D	Clay 28;Niagara rock 31.
Con VIII " 16	R.Atlea	"	Oct.22,1953	6½	17	24	24	"	D	Clay 28;Niagara rock 30.
Con VIII " 16	A.Dymond	"	Oct.20,1954	6½	17	30	30	"	D	Clay 33;Niagara rock 50.
Con VIII " 19	G.Gorpa	"	Aug.28,1953	5½	17	25	20	"	D	Clay 42;rock 44.
Con VIII " 19	G.Smale	"	Feb.18,1954	6½	17	19	19	"	D	Clay 44;Niagara rock 45.

## WENTWORTH COUNTY-cont.

Saltfleet Twp.cont.											
Con VIII	lot 19	G.Corpa	S.W.Merritt	May 22, 1954	5½	17	18	16	Fresh	D,S	Clay 44;Niagara rock 45.
Con VIII	" 19	F.Robb	"	Oct. 2, 1954	5½	17	26	25	"	D	Clay 44;Niagara rock 53.
Con VIII	" 19	L.Vasseur	"	Oct. 4, 1954	5½	13	28	26	"	D	Clay 40;boulders gravel 42;gravel 44.
Con VIII	" 20	L.Sliikker	"	May 1, 1954	5½	17	20	16	"	D	Clay 31;Niagara rock 32.
Con VIII	" 21	J.Minigan	"	Aug.29,1953	5½	17	10	10	"	D	Clay 26;rock 28.
Con VIII	" 21	J.Horvath	"	Dec.11,1953	5½	8		25	"	D	Clay 34;rock 35.
Con VIII	" 24	T.Barlow	"	Dec. 9, 1953	6	13	15	8	"	D	Clay 9;rock 26.
Con VIII	" 24	Bach & Sons	"	Oct. 4, 1954	5½	17	30	28	"	D	Clay 29;Niagara rock 50.
Con VIII	" 26	N.Brewster	A.B.Clark	Apr.27,1953	6½	15	12	10	"	D	Top soil 1;yellow clay 6;limestone 45.
Con VIII	" 26	J.MacDougall	"	Apr.30,1953	6½	15	12	10	"	D	Top soil 1;yellow clay 6;limestone 45.
Con VIII	" 26	D.Sedden	"	May 5, 1953	6½	15	12	10	"	D	Top soil 2;yellow clay 5;limestone 44.
Con VIII	" 26	J.Pakuluk	S.W.Merritt	Dec.20,1953	6	17	24	22	"	D	Clay 20;Niagara rock 33.
Con VIII	" 26	R.LeDuc	A.B.Clark	Mar.18,1954	5½	8	14	10	"	D	Brown clay 23;limestone 30.
Con VIII	" 26	H.Scrivin	"	May 8, 1954	6½	15	12	10	"	D	Brown clay 17;limestone 34.
Con VIII	" 26	J.Seraphin	R.Embleton & Son	Jun.10,1954	6½	25	18	11½	"	D	Dark clay loam 1;brown clay odd small stone 3;mixture of brown and grey clay few pebbles 13;blue clay 19;blue clay loose broken rock 20;grey limestone 32.
Con VIII	" 26	N.McIntyre	"	Jul. 7, 1954	6	5	24	3	"	D	Dark clay loam 1;brown clay odd small stone 2;layer of loose bedrock 2½;hard and soft streaks of grey limestone 27.
Con VIII	" 26	R.Williams	"	Jul.12,1954	6½	35	12	9	"	D	Dark clay loam 1;brown clay 2;mixture of brown and grey clay odd stone 3½;loose shell rock 4½;brown limestone 25;grey limestone 32.
Con VIII	" 26	A.A.Leckie	"	Sep.27,1954	6	35	7	5½	"	D	Dark clay loam 1;brown clay loam 2;mixture brown clay odd stone 3;loose large and small rocks mixture of clay 5½;brown limestone 20.
Con VIII	" 26	H.W.Thomas	A.B.Clark	Jun. 4, 1953	6½	10	35	25	"	D	Top soil 2;yellow clay 40;limestone 72.
Con VIII	" 28	S.Smook	S.W.Merritt	Aug. 4, 1953	5½	7	49	20	"	D	Clay 30;rock 49.
Con VIII	" 28	K.Pollard	R.Embleton & Son	Jul.15,1954	6½	30	18	10	"	D	Dark clay top soil 1;brown clay odd stone 4;brown clay grey seams some small pebbles 13;grey limestone 31.
Con VIII	" 31	Methodist Church	A.B.Clark	Oct. 7, 1953	6½	8	20	10	"	D	Yellow clay 16;limestone 31.
Con VIII	" 32	J.Shewcluk	R.Embleton & Son	Jun.16,1954	6	30	19	13	"	D	Dark clay loam 2;brown clay odd small stone 4;mixture of brown and grey clay few pebbles odd stone 10;shell rock 11;grey limestone 34.
Con VIII	" 33	J.F.Stock	"	Sep.20,1954	6	35	25	22	"	D	Brown clay fill 3;dark clay loam 4;brown clay odd stone 10; mixture of brown and grey clay odd large stone 12;loose large and small stones 13;grey limestone 35;brown limestone seam 37.
Con VIII	" 33	A.Bohmus	R.Embleton & Son	Dec. 4, 1954	6½	35	27	24	"	D	Brown clay fill 3;dark clay loam 5;brown clay odd stone 7; grey clay odd stone 10;brown and grey limestone 41.
Con VIII	" 34	A.Gilson	"	Jul.22,1954	6	30	29	25	"	D	Brown clay stone 1;brown clay odd stone 7;mixture of brown and grey clay odd flat stone 12;loose broken rock 13;hard grey and white limestone 45.
Waterdown		E.Becktoe	J.O'Connor	Jul.13,1953	6½	10	7	7	Fresh	D	Blue clay little gravel 13;clean gravel 15.
Waterdown		Village of Waterdown	S.R.Gill	Jul.16,1953	6½						Brown clay 9;brown fine sand stone 20;limestone 72. Dry hole.
Waterdown		"	"	Jul.29,1953	6½	20		9	"	P	Brown clay 6;limestone 40.
Waterdown		"	"	Sep.12,1953	6½	35	45	12	"	P	Brown sand loam clay 15;limestone 52.
West Plamborough Twp											
Con I	lot 1	W.West	R.Swayze	Nov. 9, 1954	6½	1		49	Fresh	D	Sandy loam 18;sand 45;quicksand 100;blue clay 115;limestone 135.
Con I	" 4	School	"	Jun.17,1954	6½	5	27	27	"	P	Clay loam 20;gravel clay 74;limestone 120.
Con I	" 5	D.R.Bethune	"	Aug.24,1953	6½	1		57	"	D	Sand clay 63;limestone 93.
Con I	" 5	G.Dyson	"	Oct.20,1953	6½		99	84	"	D	Sandy clay 60;clay 98;limestone 143.
Con I	" 6	M.Marsh	"	Apr.14,1953	6½		125	49	Sulphur	D	Clay gravel 30;boulders 32;clay sand 55;sand 109;limestone 125.
Con I	" 6	"	"	Apr.20,1953	6½		120	42	"	D	Clay gravel 30;clay sand 70;sand 102;limestone 120.
Con I	" 6	"	"	May 4, 1953	6½		36	36	Fresh	D	Clay gravel 40;sand 54;limestone 82.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY-cont										
West Flamborough Twp										
cont.										
Con I lot 6	M.Marsh	R.Swayze	May 20, 1953	6 1/2			28	Fresh	D	Clay 15; stone 25; sand 52; limestone 80.
Con I " 6	B.Kear	"	Jun. 5, 1953	6 1/2	5		40	Sulphur	P	Clay gravel 40; clay 105; limestone 110.
Con I " 6	School	I.L.Davis	Sep. 15, 1954	6 1/2	1/2	30	20	Fresh	P	Blue clay 100; quicksand 120.
Con I " 6	Five Dollar Battery Works	R.Swayze	Oct. 25, 1954	6 1/2	10	50	49	"	In	Boulders 20; clay gravel 50; sand gravel 69.
Con I " 7	M.Crowe	"	Sep. 15, 1953	6 1/2			16	"	D	Clay 20; limestone 35.
Con I " 7	G.McEwen	"	Jul. 6, 1954	6 1/2	6		58	Sulphur	D	Clay 101; limestone 140.
Con I " 7	A.McEwen	"	Nov. 16, 1954	6 1/2	2	25	21	Fresh	D	Sandy loam 20; sand 25; limestone 40.
Con I " 8	O.Prill	"	Apr. 6, 1953	6 1/2			14	"	D	Clay 27; limestone 37.
Con I " 8	D.Hayes	"	Jul. 10, 1953	6 1/2		52	49	"	D	Clay 50; sandy clay 58; limestone 71.
Con I " 8	D.Zess	"	Nov. 12, 1954	6 1/2	10		11	"	D	Clay 12; boulders 17; sand gravel 21; limestone 30.
Con I " 9	H.Taylor	"	Aug. 14, 1953	6 1/2			37	"	D	Boulders 20; gravel 60; sandy clay 63; limestone 72.
Con I " 9	P.Arnold	"	Jun. 23, 1954	6 1/2	5	57	57	Sulphur	D	Clay 60; clay gravel 79; limestone 91.
Con I " 9	R.Dawson	"	Oct. 7, 1954	6 1/2	10	19	17	Fresh	D	Clay 30; sand gravel 33; limestone 50.
Con I " 9	R.Dilks	S.R.Gill	Nov. 12, 1954	6 1/2	6	28	14	"	D	Clay 19; hard grey rock 35.
Con I " 10	A.Pellar	J.O'Connor	Apr. 10, 1954	6 1/2	3	45	27	"	D	Gravel sand 37; limestone 45.
Con I " 10	N.Konrad	S.R.Gill	May 28, 1954	6 1/2	15	10	8	"	D	Gravel boulders 26; limestone 35.
Con I " 10	S.Philp	R.Swayze	Jul. 21, 1954	6 1/2	15	20	16	"	D	Clay 18; limestone 33.
Con I " 10	E.F.Simpson	S.R.Gill	Nov. 18, 1954	6 1/2	7	18	18	"	D	Fill 5; brown clay 19; boulders gravel 22 1/2; hard rock 38.
Con I " 12	T.Clements	R.Swayze	Aug. 31, 1954	6 1/2			28	"	D	Clay 70; clay sand 80.
Con I " 13	C.Boult	"	Sep. 7, 1954	6 1/2				"	D	Clay 50; Dry hole.
Con II " 1	G.Crosby	"	Oct. 25, 1954	6 1/2	3		55	Fresh	D	Sandy loam 40; red sand 80; quicksand 100; clay 116; limestone 133.
Con II " 1	L.Hicks	"	Oct. 29, 1954	6 1/2	2		55	"	D	Sandy loam 40; red sand 80; quicksand 100; clay 116; limestone 132.
Con II " 6	R.D.Fleck	S.R.Gill	Sep. 24, 1954	6 1/2	4	50	44	Sulphur	D	Dark soil 2; brown clay 64; brown clay pebbles 70; sand 87; grey clay 148; fine grey sand 153; limestone 162.
Con II " 8	F.Kush	R.Swayze	Sep. 16, 1953	6 1/2		25	15	Fresh	D	Sand 20; limestone 28.
Con II " 8	W.Wetherelt	W.Packham	Mar. 10, 1954	6 1/2	12 1/2	30	19	"	D	Clay sand 12; sand 27; limestone 40.
Con II " 9	Y.Pringer	R.Swayze	May 15, 1953	6 1/2		27	24	"	D	Clay gravel 40; sand gravel 46; limestone 56.
Con II " 9	Anglican Church	"	Jul. 19, 1954	6 1/2	5		21	"	P	Sand 20; boulders 25; gravel 51; limestone 57.
Con II " 9	H.Marshall	J.O'Connor	Aug. 26, 1954	5 1/2	1	53	27	"	D	Dirty gravel 14; quicksand 44; limestone 54.
Con II " 10	H.Clark	R.Swayze	May 8, 1953	5 1/2			37	"	D	Clay 15; boulders sand 39; limestone 56.
Con II " 10	T.Meldrum	"	Jul. 16, 1953	6 1/2		57	57	"	D	Clay gravel 60; sand 68; limestone 81.
Con II " 10	G.Hilbert	"	Oct. 30, 1953	6 1/2		12	12	"	D	Sand 2; boulders 18; limestone 20.
Con II " 10	J.Scotnicki	"	Nov. 4, 1953	6 1/2	1		12	"	D	Coarse red sand 12; limestone 32.
Con II " 10	R.Holmes	"	Nov. 11, 1953	6 1/2	3		27	"	D	Clay 25; red sand 30; limestone 45.
Con II " 10	W.Nicholl	"	Jun. 2, 1954	6 1/2	25	20	18	"	D	Gravel red clay 24; limestone 37.
Con II " 10	D.Roberlard	"	Jun. 4, 1954	6 1/2	25	25	20	"	D	Gravel red clay 21; limestone 33.
Con II " 10	W.Vanderberg	"	Jun. 10, 1954	6 1/2	10	20	20	"	D	Sandy loam 22; gravel clay 39; limestone 66.
Con II " 10	W.Grightmire	"	Sep. 10, 1954	6 1/2	10	15	13	"	D	Clay 10; sand gravel 14; limestone 25.
Con II " 10	H.Sherwin	"	Sep. 16, 1954	6 1/2	4		16	"	D	Clay 10; sand gravel 21; limestone 40.
Con II " 10	E.Pike	"	Sep. 28, 1954	6 1/2	8		29	"	D	Clay 5; clay boulders 26; limestone 45.
Con II " 10	E.Palfry	"	Oct. 2, 1954	6 1/2	5		20	"	D	Clay 5; boulders clay 25; limestone 35.
Con II " 10	H.Whatmough	"	Oct. 2, 1954	6 1/2	4		32	"	D	Clay 10; sand clay 35; limestone 67.
Con II " 11	K.Fisher	"	Jul. 23, 1953	6 1/2		32	29	"	D	Clay gravel 48; gravel 51; limestone 60.
Con II " 11	C.Atkins	"	Sep. 8, 1953	6 1/2			30	"	D	Clay 28; boulders 32; limestone 50.
Con II " 11	J.Kyles	S.R.Gill	Jun. 1, 1954	6 1/2	20	10	10	"	D	Gravel boulders 68; limestone 70.
Con II " 12	H.Rayner	R.Swayze	Aug. 18, 1953	6 1/2			22	"	D	Sand 34; limestone 42.
Con II " 12	H.Frankum	"	Sep. 1, 1953	6 1/2		37	32	"	D	Clay 10; gravel 52; limestone 54.
Con II " 12	J.Fisher	"	Jul. 9, 1954	6 1/2	10		15	"	D	Clay 20; gravel 32; limestone 40.
Con II " 14	C.Caromicoli	E.Pegg	Jul. 31, 1954	6 1/2	1 1/2		8	"	T	Soil 1; brown clay 10; gravel 11; blue clay 12 1/2.
Con II " 19	P.C.Pearce	J.O'Connor	May 20, 1953	6 1/2	1 1/2	45	18	"	D	Blue clay 18; limestone 45.
Con II " 19	E.Maher	"	May 25, 1953	6 1/2	1 1/2	45	18	"	D	Blue clay 18; limestone 45.

## WENTWORTH COUNTY-cont.

## West Flamborough Twp. cont.

Con II	lot 19	F. Boonstra	E. Pegg	Aug. 17, 1953	5	10	40	27	Fresh	D	Clay 40; limestone 55.
Con II	" 21	Rock Chappel	J.O'Connor	Jul. 16, 1953	5½	2	50	20	"	P	Gravel sand boulders quicksand 48; clean gravel 50.
Con III	" 2	J. Weatherstone	E. Pegg	Jul. 17, 1954	5	5	63	23	"	D, S	Soil 8½; limestone 23; brown rock 63.
Con III	" 7	School S.#1	W. Packham	Mar. 23, 1954	6½	17	20	17	"	P	Clay gravel 2; shale rock 6; white limestone 76.
Con III	" 9	L. Granby	"	Mar. 10, 1953	6½	8	30	22	"	D	Clay 10; quicksand 30; limestone 52.
Con III	" 9	L. Hardman	L. Purdy	Jul. 31, 1953	5	12	24	22	"	D	Brown sandy soil 2; brown clay 27; brownish rock 50.
Con III	" 9	R. Wingarden	"	Aug. 5, 1953	5	12	20	16	"	D	Brown sandy soil 2; brown clay 22; brown limestone 45.
Con III	" 9	A. Wingarden	"	Aug. 11, 1953	5	12	18	16	"	D	Brown sandy soil 2; brown clay 22; brown limestone 45.
Con III	" 9	A.H. Nott	"	Jun. 3, 1954	5	18	24	18	"	D	Dark sandy soil 3; brown clay 28; clay stones 30; grey limestone 62
Con III	" 9	J. Neal	"	Jul. 29, 1954	5	12	18	18	"	D	Dark sandy soil 1; grey clay 15; blue clay 24; grey limestone 49.
Con III	" 12	R. Paul	J.O'Connor	Sep. 3, 1954	5½	10	3	3	"	D	Sand 38; gravel 40.
Con III	" 13	G. McKinnon	"	Nov. 4, 1953	6½	1½	37	11	Sulphur	D, S	Gravel 37.
Con III	" 18	School	R. Swayze	Jul. 12, 1954	6½	5	30	24	Fresh	P	Clay 19; limestone 65.
Con III	" 23	R. Gardiner	S.R. Gill	May 3, 1954	6½	6	25	15	"	D	Brown clay 36; limestone 54.
Con III	" 24	M. Sofko	J.O'Connor	Jul. 1, 1954	5½	2½	31	8	"	D	Blue clay 10; blue shale rock 31.
Con IV	" 5	J. McCall	"	Mar. 20, 1953	6½	30	1	1	"	D	Gravel boulders 20; limestone 22.
Con IV	" 6	H. Knooren	J.A. Anderson	Jul. 10, 1953	6½	1½	50	25	"	D	Limestone 50.
Con IV	" 6	C. Simon	E. Pegg	Dec. 18, 1953	5	12½	33	20	"	D	Previously drilled 25; limestone 70.
Con IV	" 6	T. Knooren	L. Purdy	Feb. 1, 1954	5	12	14	14	"	D	Heavy soil 2; grey limestone 48.
Con IV	" 6	L. Seok	"	Feb. 10, 1954	5	12	15	5	"	D	Heavy soil 3; grey limestone 46.
Con IV	" 22	H. Seale	"	Sep. 20, 1954	5	12	15	15	"	D	Dark sandy soil 2; grey clay small stones 34; dark grey limestone 50.
Con IV	" 22	H. Vollick	"	Sep. 23, 1954	5	12	18	18	"	D	Sandy soil 3; grey clay 21; brown clay 34; dark limestone 52.
Con V	" 6	J. Zayac	J.O'Connor	Jul. 29, 1953	6½	2	23	10	"	D	Blue clay 5; limestone 25.
Con V	" 10	E. Entwistle	E. Pegg	Mar. 24, 1954	5	8	19	6	"	D	Soil 1; limestone 45.
Con VI	" 6	A. Wilson	"	Aug. 3, 1953	5	12½	20	14	"	D	Top soil 2; limestone 40.
Con VI	" 7	H. Hearder	"	Dec. 2, 1953	5	12½	37	18	"	In	Top soil 1; loose layers of rock 6; solid limestone 50.
Con VI	" 8	J. Johnson	"	Jul. 24, 1953	5	12½	13	8	"	D	Soil 5; limestone 36.
Con VII	" 7	R. Waller	W. Packham	Oct. 16, 1954	6½	7	12	8	"	D	Clay 6; broken rock 10; limestone 20.
Con VII	" 13	J. Gilbert	J.O'Connor	Sep. 15, 1954	5½	2½	30	12	"	D	Sand gravel 20; blue shale rock 30.
Con VII	" 6	R. Nabe	J.A. Anderson	Jan. 20, 1953	6½	15	5	4	"	D	Dug well 5; boulders sand 26; black shale rock 29.
Con VIII	" 8	N. Fletcher	E. Pegg	Aug. 19, 1954	6	12	22	18	"	D	Soil 1; clay stone 7; limestone 40.
Con VIII	" 8	H.G. Wilson	"	Aug. 28, 1954	6	12	23	20	"	D	Soil 1; clay stones 5; limestone 53.
Con IX	" 6	W. Green	L. Purdy	Aug. 20, 1953	5	12	36	24	"	D	Dug well 15; brownish limestone 65.
Con IX	" 6	W. Hunter	J.O'Connor	Mar. 1, 1954	6½	3	30	14	"	D	Boulders gravel 18; limestone 30.
Con X	" 2	R. Wise	W. Packham	Dec. 15, 1954	6½	17	25	15	"	D	Clay 6; shelly rock 30; solid limestone 45.

## YORK COUNTY

## East Gwillimbury Twp

Con II	lot 5	Town of Newmarket	International Water Supply Ltd.	Dec. 3, 1954	7½					T	Top soil 1; brown sandy clay 6; sand gravel boulders 11; blue clay streaks of gravel 38; soft blue clay 94; soft blue clay streaks of gravel 129; blue clay gravel 149; boulders sand gravel 150; very soft sandy blue clay 153; blue clay 164; blue clay gravel streaks of hard gravel 166; blue clay gravel boulders 211; blue clay black gravel 231; blue clay boulders gravel 233; blue clay hard packed gravel 256; black shale 258. Abandoned.
Con II	lot 10	School S.#3	W. Gartshore	Sep. 23, 1954	2	6		25	Fresh	P	Sandy clay 3; brown clay with pebbles 20; hard grey clay with pebbles 140; clay 187; medium sand coarse sand 195.
Con II	" 20	G. Silverthorn	"	May 3, 1954	2	5		38	"	D	Hard stony clay 52; sand 56.
Con III	" 8	J. Hall	"	Dec. 19, 1953	2	5	59	39	"	D, S	Reddish clay 20; grey clay 130; stony hard clay 199.
Con III	" 10	N. Stevens	F.R. Boadway	Dec. 16, 1954	5½	5	30	6	"	D	Clay 18; blue clay stone 30; silt clay 50; hard clay 57; gravel sand 67.
Con III	" 19	P. Naude	W.F. Gartshore	Apr. 5, 1954	2	5		36	"	D	Earth 3; hard stony clay 46; sand 50.
Con III	" 19	M. Leco	"	Apr. 12, 1954	2	5		38	"	D	Soil 3; hard stony clay 49; sand 53.
Con III	" 35	D. McMillan	Keswick Well Drilling Co.	Oct. 7, 1953	4	2	110	30	"	D, S	Yellow sand stones 6; hard blue clay 40; soft blue clay 48; sand 50; cemented gravel 65; hard blue clay 100; blue clay streaks of brown clay 105; blue clay small stones 114; sand 120; quicksand 130; blue

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C. clay 135; gravel 147.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY-cont. East Gwillimbury Twp cont.										
Con IV lot 12	S.Evans	Keswick Well Drilling Co.	Feb.10,1954	4	3	30	Flows	Fresh	D,S	Black clay 5;brown clay small stones 30;grey sand 43;grey clay 45;grey sand 83;gravel 82.
Con VI " 8	W.Lawson	P.Boadway	Jul. 7,1954	5 1/2	3 1/2	30	24	"	D	Red sand clay 24;coarse sand 55.
Con VI " 14	H.Ewen	"	Jan.22,1954	5 1/2	4	60	50	"	D,S	Dug well 50;silt clay 104;hard clay stone 108;fine sand.
Con VIII " 11	J.Hammett	"	Jun.13,1953	4 1/2			Flows	"	C	Sandy clay 18;blue clay 50.
Con VIII " 11	Mount Albert Community Park	"	Jan.14,1954	5 1/2			"	"	P	Dug well 30;hard blue clay 50;fine sand 80;gravel 85.
Con VIII " 13	G.Price	"	Mar.23,1953	4 1/2	5	48	46	"	D	Clay 15;blue clay gravel 46;sand gravel 66.
Con IX " 7	G.Humpage	"	Aug.25,1953	5 1/2	5	15	5	"	D	Swamp soil 16;hardpan boulders 114;gravelly clay 126;rock.
Con IX " 21	J.Forfar	"	Jul. 3,1954	5 1/2	3 1/2	55	50	"	D	Red sand clay 50;sand gravel 77.
YSE Con I " 96	DavisLeather Co.Ltd.	International Water Supply Ltd.	May 1,1953	4	30	36	Flows	"	T	Fill 12;black muck 15;silt blue clay 24;blue clay gravel boulders 58;soft blue clay 66;clay gravel 70;clay boulders 75;gravel 78;clay 79;gravel 84;clay 85;gravel 89;clay gravel 102. Abandoned.
YSE Con I " 96	"	"	May 14,1953	7 1/2					T	Fill 12;muck 15;silty blue clay 24;clay gravel boulders 75;gravel 78;clay 79;gravel 84;clay 85;gravel 89;clay gravel boulders 108;gravel boulders 117;clay gravel boulders 243;sharp gravel 246;clay gravel boulders 276;shale 278. Abandoned.
YSE Con I " 96	"	"	Jun.19,1953	7 1/2			Flows	Fresh	T	Top soil 1;brown clay muck 5;blue clay gravel sand 12;blue clay boulders gravel 13;fine sand fine gravel 22;blue clay boulders gravel 23;fine sand 34;blue clay gravel streaks of fine sand 52;hard packed blue clay sand gravel 71;soft blue clay 79;blue clay gravel 83;fine sand 90;blue clay gravel 96;gravel sand 97;fine sand 113;gravel sand clay 122;blue clay gravel 140;hard packed blue clay gravel 178;blue clay 202;hard blue clay 216;broken gravel sand clay boulders 222;cemented sand gravel 223;broken gravel sand streaks of cemented clay 230;gravel sand loose clay 239;cemented sand gravel 243;broken gravel clay 245;cemented sand gravel 246;gravel sand clay 248;cemented sand gravel boulders 254;cemented sand gravel 262;bedrock 264. Abandoned.
YSE Con I " 96	"	"	Jun.26,1953	4	132	35	Flows	Fresh	T	Top soil 1;brown sandy clay 10;blue clay sand gravel 24;gravel sand streaks of clay 45;boulders clay gravel 46;gravel fine sand streaks of clay boulders 55;blue clay gravel boulders 57;blue clay fine sand boulders 65;cemented sand gravel boulders 69;blue clay 75;silty sand 80;blue clay 86;silty sand streaks of clay 97;blue clay silty sand gravel 100;gravel sand streaks of clay 112;gravel sand boulders streaks of clay 119;cemented sand gravel boulders 120.
YSE Con I " 96	"	"	Jul. 2,1953	4	53	24	4 1/2	Fresh	T	Top soil 1;brown sandy clay 9;coarse gravel sand boulders 13;blue clay silty sand 19;blue clay gravel 25;blue silty clay 35;gravel sand 44;dirty gravel boulders 46;soft silty clay some gravel 57;blue clay gravel 59.
YSE Con I " 96	"	"	Aug.18,1953	4					T	Top soil 1;brown clay old wood 10;blue clay gravel 23;silty clay loose gravel 45;gravel fine sand streaks of boulders and clay 50;blue sandy clay streaks of soft gravel 62;blue sandy clay streaks of hard packed gravel 65;hard blue clay 77;silty sand clay 82;hard blue clay 86;silty sand 91;silty sand streaks of clay 97;boulders gravel sand 98;sandy clay streaks of gravel 110;boulders sand gravel streaks of clay 114;dirty gravel sand clay boulders 122;cemented sand gravel 125;hard blue clay streaks of gravel 141;hard blue clay 146;soft blue clay 152; (continued next page)

## YORK COUNTY-cont.

East Gwillimbury Twp.		cont.	continued;															
YSE Con I lot 96		Davis Leather Co. Ltd.	International Water Supply Ltd.															
YSE Con I	" 106	P. Thompson	P. Hollingshead	Sep. 5, 1953	2				Flows	Fresh							T	continued: hard blue clay 183; soft blue clay 200; hard blue clay 217; hard packed broken gravel boulders clay 224; cemented sand gravel 226; hard packed broken gravel boulders clay 234; dirty gravel sand streaks of clay 241; very hard cemented sand gravel streaks of clay 249.
YSW Con I	" 106	Goodwin's Tannery	"	Apr. 1, 1953	2				"	"							D	Gravel 40; clay 90; gravel 100.
																	S	Clay 100; sand 120.
Etobicoke Twp.																		
HP Con A	lot 32	J. D. Thomson	C. E. Snider	May 6, 1953	4	1	85	48		Fresh							D	Dug well 38; blue shale 85.
HP Con B	" 15	A. McDowel	C. H. Rutledge	Dec. 31, 1953	6	1½		16		"							D	Top soil 1; brown clay sand 30; muddy blue sand 50; loose shale stones 57; hard blue shale 90.
HP Con C	" 14	J. D. Hayes	"	Aug. 23, 1954	6	6	63	41		Salt							D	Dug well 48; brown fine muddy quicksand 58; coarse streak 63; blue muddy sand 73; blue shale 98;
HP Con II	" 20	Ont. Hydro	T. H. Rutledge	Nov. 21, 1953	6	1½	100	26		Fresh							P	Brown clay 12; blue clay 41; blue clay with gravel stone sand 56; blue shale 100.
HP Con II	" 20	Electric Power	Pickering Drilling Contractors	Mar. 8, 1954				28		"							T	Dark soil 2; sandy brown soil 4; sandy brown clay 13; blue clay stone 18; grey clay stones 23; thick grey clay stones 37; light- grey clay 41; grey clay gravel 44; silty grey clay 48.
HP Con II	" 20	"	"	Mar. 18, 1954				27		"							T	Dark top soil 2; brown sandy clay 14; blue clay stones 32; blue clay 40; silty blue clay 55; blue shale 58.
HP Con II	" 20	"	"	Apr. 5, 1954	4	½	41	31		"							T	Brown sandy soil 3; brown sandy clay 14; blue clay stones 33; blue clay 40; fine silty clay 55; blue shale 58.
HP Con II	" 26	Precision Prefab Products	C. H. Rutledge	May 10, 1954	5	1½	103	28		"							P	Brown clay 20; blue clay 30; hardpan 65; blue shale 103.
HP Con II	" 26	Sun Oil Co. Ltd.	Brodie & Dennis	Jul. 22, 1954	6½	1	125	18		"							C	Yellow clay 3; blue clay 18; silty sand 54; hard blue shale 125.
HP Con II	" 29	McColl-Prontenac Oil Co.	C. H. Rutledge	Jan. 11, 1954	8	2	111	32		"							C	Fill 5; brown clay 18; blue clay 39; hardpan boulders 60; loose shale 65; solid shale 111.
HP Con III	" 21	C. Hutton	T. H. Rutledge	Jun. 5, 1953	5	3		15		"							D	Brown hard clay 20; blue clay 30; hardpan 35; blue shale 80.
HP Con III	" 29	B. A. Oil Co.	C. H. Rutledge	Mar. 8, 1954	8	4½	85	40		"							C	Fill 5; brown clay 18; blue clay 40; hardpan 65; blue shale 112.
HP Con III	" 31	Ont. Jockey Club	International Water Supply Ltd.	Sep. 2, 1954	5½					"							T	Fill 6; boulders clay 7; slate 14; clay 18; gravel clay 25; gravel 26; shale 27.
HP Con III	" 32	"	"	Aug. 27, 1954	5½					"							T	Loam 6; boulders clay 8; gravel clay slate 20; clay 24; gravel 26; clay gravel 34; shale 37.
HP Con III	" 32	"	"	Aug. 31, 1954	5½					"							T	Fill 7; boulders gravel 8; blue clay 12; clay gravel 16; clay gravel slate 18; gravel clay 24; gravel 26; clay 35; shale 37.
HP Con III	" 37	E. Thompson	C. H. Rutledge	Dec. 23, 1953	4	3		26		slight Salt							D	Top soil 2; brown clay 18; blue clay 44; hardpan gravel 60; blue shale 88.
HP Con IV	" 28	Ont. Jockey Club	International Water Supply Ltd.	Sep. 10, 1954	5½					"							T	Top soil 2; grey clay 15; clay sand 28; clay 38; sand 39; slate 41½; sand 43; clay silt sand 54; gravel 56; clay gravel 72; shale 74.
HP Con IV	" 31	"	"	Sep. 8, 1954	5½					"							T	Top soil 1; grey clay 29; sand 30; blue clay 34; soft clay slate streak 37; blue clay 40; sandy clay slate streaks 45; sandy clay 57; coarse sand 59; clay 62; gravel clay 65; clay 77; shale 79.
HP Con IV	" 40	C. P. Fleury	C. E. Snider	Feb. 6, 1953	4	2	35	31		Fresh							D	Top soil 1; yellowish clay stones 12; blue clay stones 25; blue silty sand stones 38; reddish coarse sand 45; coarse sand 50; shale 48.
Georgina Twp.																		
Con VI	lot 17	W. Oxtoby	P. R. Boadway	Dec. 2, 1953	5½	5	12	10		Fresh							D, S	Dug well 14; sandy clay 22; sand 50; gravel 56.
Con VI	" 21	R. F. Woods	"	Oct. 9, 1954	5½	4	25	20		"							D	Sandy clay 18; blue clay 50; gravel 52.
Con VII	" 3	P. R. Boadway	"	Jun. 8, 1954	4½	7	20	15		"							D	Yellow clay stones 30; quicksand 75; blue clay stones 110; gravel 114.
Con VII	" 13	J. Dent	"	Apr. 17, 1953	4½	5	6	4		"							D	Surface clay 10; blue clay 30; gravel 32.
Con VII	" 13	DeEstrata	"	Sep. 18, 1954	5½	2½	25	15		"							P	Grey clay 15; blue clay stones 23; limestone 54.
Con VII	" 14	C. F. Boadway	"	Aug. 10, 1953	5½	4	20	15		"							D	Clay 18; blue clay stones 30; limestone 48.
Con VII	" 15	N. Bird	Keswick Well Drl.	Jan. 10, 1954	6	2½	24	8		"							D	Yellow clay 6; blue clay 28; gravel 32.
Con VII	" 18	School S. #10	P. R. Boadway	Apr. 10, 1954	5½	3	60	10		"							P	Sandy red top soil 20; blue fine sand 60; clay coarse sand gravel 67

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)	
YORK COUNTY-cont.											
Georgina Twp.cont.											
Con VII	lot 21	Baisley/Mercer	F.R.Boadway	May 18,1953	4½	1	45	4	Fresh	P	Silt 18;blue clay 27;limestone 50.
Con VII	" 21	J.Winnotoy	"	Jul.24,1953	4	5	8	5	"	D	Clay 15;blue clay 30.
Con VII	" 21	R.J.Murray	"	Aug. 2,1954	5½	5	10	8	"	D	Yellow clay 18;blue clay 41.
Con VII	" 2	D.Cameron	"	May 27,1953	4½	4	22	20	"	D	Hardpan stones 20;coarse sand gravel 41.
Con VIII	" 7	O.Seale	"	Apr.30,1953	4½	1	75	32	"	D	Hardpan stones 20;sand 35;quicksand 46;blue clay silt 65; hardpan stones 78;limestone 88.
Con VIII	" 18	S.D.Ferry	F.R.Boadway	Dec.12,1953	5½	2½	20	4	"	D	Hard clay stones 8;limestone 30.
Con VIII	" 25	G.Hughes	Reliance Well Dri	May 28,1953	2						Silt 9;hard clay small stones 33;rock. Dry hole.
Con VIII	" 25	"	F.R.Boadway	Sep. 2,1953	5½	½	35	20	"	D	Clay 16;gravelly clay 20;hardpan stones 54;limestone 64.
King Twp.											
Con I	lot 61	G.Taylor	Jefferson Drill.	Jun. 3,1953	2	5	136	136	Fresh	D	Yellow clay 32;sand 156.
Con I	" 65	L.Gordon	R.B.Renwick	Jun.22,1953	6	5	296	100	"		Sandy clay 18;grey clay 132;fine sand clay 165;blue sticky clay 273;hardpan gravel 285;clay sand 287;fine sand silt 289;sand 291;blue clay gravel 296. Abandoned.
Con I	" 67	School	International Water Supply Ltd.	Sep. 4,1953	5½					T	Top soil 1;brown clay 5;sand gravel boulders clay 7;soft blue clay silty sand 148;hard blue clay 156;very dirty blue clay gravel sand 157;blue clay small streaks of gravel 167;cemented sand gravel 169;blue clay small streaks of gravel 172;very dirty blue clay gravel 179;cemented sand gravel clay 182;hard blue clay 190;hard blue clay little gravel 255;blue clay boulders gravel 256;hard blue clay little gravel 326;boulders clay 326½;blue clay little gravel 335;boulders clay 335½;blue clay little gravel 353;cemented sand gravel 354;blue clay little gravel 358;boulders clay little gravel 358½;blue clay little gravel 427;blue sandy clay little gravel 436;boulders clay gravel 437;blue sandy clay gravel 448;blue clay little gravel 454;blue clay little gravel streaks of sand 468;blue sandy clay little gravel 479;shale 482.
Con I	" 67	School	International Water Supply Ltd.	Sep.21,1953	4	10	49½	49½	Fresh	P	Top soil 1;brown clay 9;soft blue clay little gravel 117;blue clay boulders 117½;soft blue clay little gravel 122;blue clay boulders 122½;blue sandy clay silt streaks of gravel 141;blue clay little hard gravel 181;hard packed clay sand gravel 183; sandy blue clay little gravel 275;cemented sand gravel boulders 275½.
Con I	" 70	F.Coon	Jefferson Drill.	May 17,1954	2	4	45	45	Fresh	S	Clay 70;sand 85.
Con I	" 73	J.R.Jennings	R.B.Renwick	Sep.20,1954	2	3		65	"	D	Sandy top soil 1;brown sand 41;blue sand 136.
Con I	" 74	E.A.Bunn	"	Sep. 2,1954	2	3		80	"	D	Top soil 1;brown sand 117;brown sand gravel 122.
Con II	" 1	Town of Newmarket	International Water Supply Ltd.	Nov.18,1954	7½					T	Top soil 2;brown clay gravel 8;blue clay gravel boulders 9; blue clay gravel silt 28;sandy blue clay fine gravel 133;soft sandy clay 142;sandy clay boulders 143; sandy blue clay fine gravel 166;sandy blue clay streaks of gravel 177;soft sandy blue clay 193;blue clay hard packed streaks of gravel 203;blue clay soft gravel 221;hard packed blue clay sand gravel boulders 229;cemented sand gravel 230; hard packed sandy blue clay gravel 323;sandy blue clay softer gravel 351;hard packed sandy blue clay gravel 384.
Con II	" 5	A.Jenson	F.Constable	Jun. 9,1954	4	5	120	100	Fresh	D	Fill sand 2;blue clay 120;blue sand clay 130;fine blue sand 140.
Con II	" 5	G.Hare	Richmond Hill Well	Oct.26,1954	4	5	140	130	"	D	Top soil 6;clay 92;sand 228½.
Con II	" 17	L.Hamilton	F.Constable	Aug.16,1953	2	3	57	57	"	D,S	Sandy top soil 3;yellow sand 58;fine blue sand 115.
Con III	" 10	C.P.Harris	"	May 25,1954	4	5	60	20	"	D	Brown soil 10;yellow sand 16;blue sand clay 30;blue clay 180; fine sand 187;blue sand 195.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY-cont. King Twp.cont.										
Con VIII lot 7	G.Broad	M.Babiuk	Sep.23,1953	24			31	Fresh	D	Brown clay red streaks 20;hard grey clay 29;brown sand 31; brown clay red streaks 40;brown coarse sand.
Con VIII " 7	"	"	Sep.26,1953	24			32	"	D	Brown clay little sand 15;grey clay few pebbles 30;brown coarse sand 32;hard brown clay 39;brown sand 40.
Con VIII " 10	T.Kelly	C.H.Rutledge	Nov.17,1954	3 1/2	3	100	38	"	D	Dug well 20;hard and soft streaks of blue clay 330;hardpan 377;gravel 378;hardpan 380.
Con VIII " 14	L.B.Black	F.Constable	Nov.20,1953	4	3	95	65	"	D	Clay soil 1;yellow clay little sand 8;blue clay 59;fine blue sand 95;blue clay 125;fine blue sand 205.
Con VIII " 16	G.E.McKay	F.R.Boadway	Apr. 3,1954	5 1/2	2	126	100	"	D,S	Dug well 52;hard clay sand 100;quicksand 125;coarse sand 160.
Con IX " 5	S.L.Beard	M.Babiuk	Jun. 9,1953	24			8	"	D	Brown clay little sand 10;grey clay little sand 16;grey sand 18.
Con IX " 5	W.M.Bean	"	Jun.19,1953	24			10	"	D	Brown clay little sand 20;coarse brown sand 22.
Con IX " 5	W.Hoover	R.H.Wonch	Oct.13,1953	4				"		Yellow clay 40;quicksand 83. Dry hole.
Con IX " 5	J.Reid	"	Oct.20,1953	4	10	40	40	"	C	Blue clay 60;sand gravel 72;coarse gravel 80.
Con IX " 5	R.Taylor	"	Jan.15,1954	4	10	50	50	"	D	Clay stones 50;fine sand 95;fine gravel 105;coarse gravel 110.
Con IX " 5	G.Broad	M.Babiuk	Apr.29,1954	24			36	"	D	Brown clay pebbles 18;grey clay pebbles 36;grey sand 42 1/2.
Con IX " 5	G.Paris	"	May 1,1954	24			15	"	D	Brown clay few pebbles 12;grey clay few pebbles 30;grey sand some gravel 32.
Con IX " 5	T.Hill	"	May 26,1954	24			33	"	D	Brown clay pebbles 23;brown sand 42.
Con IX " 5	R.Williams	C.H.Rutledge	Jul. 2,1954	4 1/2	8	85	40	"	D	Top soil 1;brown clay 20;brown clay stones 40;brown muddy sand 30;coarse sand gravel 88;hardpan 90.
Con IX " 5	G.Broad	M.Babiuk	Sep.11,1954	24	10		40	"	D	Brown clay pebbles 20;grey clay pebbles 40;brown coarse sand 48;brown clay.
Con IX " 5	G.Perris	C.H.Rutledge	Sep.20,1954	4 1/2	7 1/2	103	40	"	D	Brown clay boulders 40;brown muddy sand 100;coarse sand 107.
Con IX " 7	G.Broad	F.Constable	Jan.29,1953	4	8	100	55	"	D	Top soil 2;clay some stones 90;fine grey sand 105;coarse sand 115.
Con IX " 33	A.Crane	M.Babiuk	Aug.12,1953	24			12	"	D	Brown clay 15;blue clay 37;grey sand 39.
Con IX " 33	H.Rowland	"	Aug.19,1953	24			8	"	D	Brown clay 10;blue clay 20;sandy blue clay 24.
Con IX " 33	Hayhoe Bros.	C.Shropshire	Jun.30,1954	6	4	50	25	"	D,C	Yellow clay 8;blue clay 68;sand 70;sand clay 83;coarse gravel 85
Con IX " 34	B.Graham	R.H.Wonch	Jun. 8,1954	4	4	36	36	"	D	Clay stones 33;blue clay 59;gravel 61.
Con IX " 23	R.Caulter	C.E.Snider	Jun.24,1953	6 1/2	3	69	66	"	D,S	Top soil 1;reddish clay sand 80;loose reddish sand 110;very thin layers of blue clay 111;medium sand small amount of gravel 119.
OS Con II " 4	J.H.Crang	F.R.Boadway	Nov.18,1953	5 1/2	4	120	116	"	D,S	Clay 12;hardpan 35;silt 42;blue clay stone 110;blue clay 130; coarse sand gravel 136.
OS Con III " 9	J.Rybke	P.Hollingshead	Nov.15,1954	2			Flows	"	D	Grey clay 75;sand 95;gravel 100.
Markham Village of Markham	"	International Water Supply Ltd.	Jun.30,1954	5 1/2					T	Black muck 2;hard blue clay boulders 7;sand gravel 10;hard blue clay gravel 98;gravel 99;clay gravel 160;hardpan 202;hard blue clay 225;shale 328.
Markham " "	"	"	Jul. 7,1954	5 1/2			Flows	"	T	Clay gravel 13;clay streaks gravel 15;clay 36;streaks of gravel clay 45;clay 50;clay streaks gravel 58;clay 67;streaks of gravel clay silt 70;soft silty sandy clay 117;silt gravel 129.
Markham " "	"	"	Jul.12,1954	1 1/2	55	34 1/2	Flows	"	T	Dirty gravel 12;soft clay 15;clay gravel 24;soft clay 35;clay silt sand streaks 47;clay gravel 59;silt soft clay 124;fine gravel light sand 140;clay gravel 148.
Markham " "	"	"	Jul.17,1954	4	140		Flows	"	T	Clay 17;clay little gravel 20;clay gravel 44;hard clay gravel 58;hardpan 62;hard clay gravel 67;hardpan 68;clay gravel 72; silt sand clay 135;coarse gravel 139 1/2.
Markham Twp. Con I lot 27	G.E.Nears	B.H.Findlay	Jun.22,1953	2	4		33	Fresh	D	Brown sandy clay 22;blue clay 51;quicksand 60;coarse sand gravel 67.
Con I " 27	T.Page	"	Sep.22,1953	2	4		52	"	D	Brown clay 16;blue clay 41;sand 48;blue clay 104;coarse gravel 108.

## YORK COUNTY-cont.

## Markham Twp. cont.

Con I	lot 27	H. Wilkinson	International Water Supply Ltd.	Feb. 3, 1954	4	51		43	Fresh	D	Top soil 1; sand 6; soft blue clay 16; very soft blue clay silt 29; soft blue clay 37; hard blue clay 45; silty sand clay very little gravel 55; blue clay 63; silt 65; hard blue clay 96; soft blue clay 112; sand gravel clay streaks 117; soft shale 123; hard shale 124.
Con I	" 27	C. Morrison	B.H. Findlay	Mar. 22, 1954	2	3		61	"	D	Brown sand 60; soft blue clay 104; sand 108.
Con I	" 27	F. Iselin	"	Jul. 15, 1954	2	4		33	"	D	Brown sandy clay 22; blue clay 55; coarse sand 59.
Con I	" 28	C. Clifford	R.P. Challoner	Jun. 16, 1953	2	6	45	20	"	D	Dark loam 2; brown sand 10; blue clay 60; sand gravel 66.
Con I	" 28	C.R. Jones	B.H. Findlay	Oct. 30, 1953	2	2		76	"	D	Brown clay 13; blue clay 46; hardpan gravel 47; blue clay 74; hardpan gravel 75; blue clay 99; sand 101.
Con I	" 28	A. Mowatt	"	Nov. 18, 1953	2	4		28	"	D	Brown clay 12; stony blue clay 63; coarse gravel 67.
Con I	" 28	F. Lifter	"	Nov. 30, 1953	2	5		27	"	D	Brown clay 13; stony blue clay 65; coarse sand 68; gravel 72.
Con I	" 28	G. Adams	Ellacott Well Drilling	Apr. 1, 1954	2	3		27	"	D	Brown clay 23; fine quicksand 29; blue clay 48; fine and coarse white sand 57; little gravel 58; blue clay 59.
Con I	" 28	R. Waterson	R.P. Challoner	Apr. 2, 1954	2	7	50	30	"	D	Loam 1; sand 7; mushy blue clay 60; sand 65.
Con I	" 28	N. Thompson	B.H. Findlay	Apr. 19, 1954	2	5		24	"	D	Brown clay 8; soft sandy blue clay 52; sand 56.
Con I	" 28	J. Heaton	Ellacott Well Drilling	Apr. 20, 1954	2	3		34	"	D	Sandy clay 12; running sand 14; blue clay 62; coarse white sand 69; clay.
Con I	" 28	E.R. Smith	R.P. Challoner	Jun. 2, 1954	2				"	D	Brown clay 30; blue clay 120; black and grey shale rock. Dry hole.
Con I	" 28	E. Loughhead	Ellacott Well Drilling	Jun. 15, 1954	2	3		12	"	D	Brown clay 19; sand 31; blue clay small stones 64; hardpan 65; coarse sharp sand stones 74.
Con I	" 28	W.J. Garrett	B.H. Findlay	Jul. 20, 1954	2	4		32	"	D	Brown sandy clay 22; blue clay 60; coarse sand 64.
Con I	" 28	E. Fring	"	Dec. 18, 1954	2	2		68	"	D	Brown clay 11; blue clay 39; sand 52; blue clay 105; shale 123.
Con I	" 29	W. Stanway	R.P. Challoner	Jun. 12, 1953	2	7	43	8	"	D	Loam 2; sand 12; blue clay 52; sand gravel 60.
Con I	" 29	York Marketing	R. Halford	Jul. 15, 1953	6	3	174	44	"	C	Blue clay 50; quicksand 75; blue clay 125; dark shale rock 174.
Con I	" 29	D. Aziz	R.P. Challoner	Jul. 21, 1953	2	6	43	40	"	D	Black loam 2; brown sand 10; blue clay 50; gravel 58.
Con I	" 29	J.D. Honseberger	"	Nov. 28, 1953	2	6	43	35	"	D	Loam 1; brown sand 44; blue clay 54; coarse sand 60.
Con I	" 29	R.P. Challoner	"	Jul. 24, 1954	2	9	40	34	"	D	Loam 2; sand 10; blue clay 40; hardpan sand 45; gravel 54.
Con I	" 30	H.P. Heidman	"	May 15, 1953	2	7	50	48	"	D	Brown clay 20; blue clay 50; brown sand 59; coarse sand 64.
Con I	" 30	R. Fitzgerald	"	May 29, 1953	2	5	100	35	"	D	Clay 4; brown hardpan sand 70; blue clay 110; sand 120.
Con I	" 30	A. Ucci	"	Sep. 10, 1953	2	4	45	25	"	D	Brown clay 10; brown sand 40; cemented gravel 50; sand gravel 55.
Con I	" 30	E. Shouldice	International Water Supply Ltd.	Nov. 2, 1953	4	7	12	Flows	"	P	Top soil 1; muck old wood 4; sand gravel some clay silt 10; fine sand silt clay streaks 39; gravel sand boulders clay streaks 48; clay gravel sand boulders 53; shale 54.
Con I	" 30	H. Heidman	B.H. Findlay	Dec. 7, 1953	2	4		25	"	D	Brown clay 13; blue clay 60; gravel 65.
Con I	" 30	F. Fields	F. Harrison	May 29, 1954	2	2	42	42	"	D	Sandy clay 30; sand 62.
Con I	" 30	L. Valliere	R.P. Challoner	Oct. 19, 1954	2	6	50	35	"	D	Clay 10; blue clay 52; brown sand 60.
Con I	" 30	D.E. Perkins	B.H. Findlay	Nov. 3, 1954	2	3		57	"	D	Dark brown clay 6; brown sand clay 78; blue clay 92; sand 96.
Con I	" 31	W. Watts	R.P. Challoner	Dec. 16, 1954	2	6	100	33	"	D	Clay 10; hardpan gravel sand 80; blue clay 100; quicksand 105; sand 113.
Con I	" 33	Langstaff Development	R.B. Renwick	Jun. 30, 1954	4	5	125	60	"	P	Yellow clay 40; gravel blue clay 60; blue clay sand 104; fine sand 122; soft blue clay 187; blue shale 240.
Con I	" 34	Milani & Stocco Const.	R. Halford	Aug. 17, 1953	2	2	88	55	"	D	Blue clay 85; sand 88; soft dark shale 140.
Con I	" 34	"	"	Aug. 21, 1953	2	1		60	"	D	Blue clay 90; sand 95.
Con I	" 34	"	"	Sep. 1, 1953	2	2		50	"	D	Blue clay 85; sand 90.
Con I	" 34	Swankman Bros.	R.W. Renwick	Sep. 2, 1953	4	4	70	26	"	D	Brown sandy soil 14; clay coarse gravel 38; blue clay 82; medium grey sand 85.
Con I	" 34	"	"	Sep. 25, 1953	4	1	122	28	"	D	Brown sand soil 11; grey clay coarse gravel 32; blue clay 92; fine sand clay 100; blue clay 118; blue shale 151.
Con I	" 34	"	"	Oct. 11, 1953	4	2	111	30	"	D	Brown sand soil 11; blue clay coarse gravel 33; blue clay 92; blue clay fine grey sand 105; blue clay 111; blue fine sand 114.
Con I	" 34	"	"	Oct. 21, 1953	4	2	150	37	"	D	Brown sandy soil 12; blue clay coarse stone 36; blue clay 116; fine black sand 121; blue shale 160.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY-cont. Markham Twp.cont. Con I lot 34	R.Marks	R.W.Renwick	Nov.18,1953	4	6	132	38	Fresh	D	Brown sand soil 15;blue clay coarse pebbles 38;blue clay 89; blue clay fine grey sand 97;blue clay 106;fine black sand 116; blue clay 120;fine black sand 126;blue clay 132;blue shale 160.
Con I " 34	Swankman Bros.	"	Dec. 3,1953	4	5	120	35	"	D	Brown sandy soil stones 14;blue clay some gravel 102;fine grey sand 120;gravel fine sand 137;blue shale 150.
Con I " 34	Can.Oil Co.	R.B.Renwick	Jan.14,1954	4	12	60	60	"	C	Top soil 2;yellow clay 26;blue clay 44;blue clay boulders 47; blue clay gravel 146;fine sand clay 147;sand fine gravel clay 158;hard grey clay shale 160;blue shale 184.
Con I " 34	Kanar/Grusla	R.W.Renwick	Jan.27,1954	4	4	130	40	"	D	Sand clay gravel 55;blue clay 87;fine black sand 95;sand gravel 102;shale rock 150.
Con I " 34	"	"	Feb.20,1954	4	1	90	35	"	D	Clay sand 53;blue clay 85;fine black sand 95.
Con I " 34	Milani/Stocco	"	Mar.20,1954	4	6	110	45	"	D	Clay sand boulders 45;sand clay 60;blue clay 79;fine sand 97; coarse sand gravel 106;shale rock 129.
Con I " 34	R.C.Miller	"	May 12,1954	4	4	125	50	"	D	Clay sand boulders 20;sand some clay 32;blue clay pebbles 87; fine sand 106;some very coarse sand 108;shale rock 140.
Con I " 34	D.Jackson	"	Sep. 2,1954	4	6	140	30	"	D	Top soil 2;sand brown clay boulders 18;sand gravel 25;blue clay few pebbles 90;fine sand 110;blue clay 113;fine sand some gravel 135;shale rock 157.
Con I " 35	P.McKinnon	B.H.Findlay	Aug.27,1954	2	3		13	"	D	Brown clay 9;hard stone blue clay 25;coarse sand 29.
Con I " 37	F.Millard	F.Constable	Sep.30,1954	4	10	70	35	"	D	Fill 3;top soil 5;yellow clay 25;yellow clay sand 38;blue clay 80;blue sand 91.
Con I " 41	Carter Const.	Keswick Well Drl.	Jan.14,1953	4	3	167	0	"	C	Blue clay 150;sand 165;hard blue clay 167;sand.
Con I " 42	N.Moon	R.W.Renwick	Jun.29,1954	2		Flows	Flows	"	C	Brown clay boulders 35;sand gravel 40;blue clay 57;sand gravel 65;blue clay 70;sand gravel 78;blue clay 140;fine sand 141; blue clay 160.
Con I " 42	E.Fletcher	"	Jul. 2,1954	7	1	0	0	"	D	Yellow clay gravel 12;sand 16;clay gravel 36.
Con I " 43	G.Thompson	R.F.Challoner	Jun.10,1954	2	2	0	Flows	"	D,S	Loam 2;clay 30;blue clay 96.
Con I " 52	Heslop Homes Ltd.	International Water Supply Ltd.	Dec. 15,1954	5½				"	T	Top soil 2;hard clay gravel boulders 16;hard clay gravel 32; clay gravel 45;hard clay gravel 177;hard packed gravel 180; hard clay gravel 192;gravel clay 226;hard clay gravel 229.
Con I " 60	I.J.Edwards	Jefferson Drill.	Jul. 6,1954	2	5	141	130	Fresh	D	Sand 141.
Con II " 2	V.Demarco	C.H.Rutledge	Aug. 2,1954	4	2½	162	25	"	D	Blue clay 60;blue hard muddy sand clay streaks 135;blue shale 162.
Con II " 2	Y.Boem	Richmond Hill Well Drillers	Nov. 8,1954	4	2	76	14	"	D	Fill 12;clay 92;sand 130;blue clay 180;shale 200.
Con II " 5	C.L.Burton	R.F.Challoner	Apr.25,1953	2	6	75	40	"	S	Loam 2;sand 42;cemented gravel 72;quicksand 80;gravel 90.
Con II " 5	J.Curtis	"	May 11,1953	2	4	75	50	"	D	Loam 2;blue clay 30;cemented sand 55;blue clay 80;sand 85.
Con II " 5	M.Endicott	"	Jul. 2,1953	2	6	100	58	"	D	Loam 2;blue clay 40;cemented gravel 80;blue clay 100;quicksand 108;sand gravel 113.
Con II " 5	R.L.Warren	T.H.Rutledge	Aug.28,1953	6	1	174	50	Salt	D	Brown clay 20;blue clay 110;blue sand 130;blue shale 174.
Con II " 5	W.Ramster	R.F.Challoner	Feb. 9,1954	2	6	100	50	Fresh	D	Blue clay 40;cemented gravel 100;quicksand 110;gravel 116.
Con II " 5	Township of Markham	International Water Supply Ltd.	Aug. 3,1954	5½				"	T	Brown clay 4;grey clay 17;sand 18;blue clay 23;silty clay 33; blue clay boulders 60;soft blue clay silt 85;clay boulders 104;clay some sand 115;clay 127;hardpan 128;hardpan shale 151;shale 155.
Con II " 5	J.Kryzwicki	R.P.Challoner	Aug.26,1954	2	5	100	41	Fresh	D	Clay 10;cemented gravel 100;gravel 113.
Con II " 5	H.Lak	"	Sep.16,1954	2	6	100	31	"	D	Loam 1;brown clay 16;blue clay 106;fine sand 111.
Con II " 5	R.L.Warren	C.H.Rutledge	Dec.10,1954	4	10	85	50	"	D	Top soil 1;brown clay 15;blue clay 60;hardpan boulders 91; gravel sand 97;fine sand 98.
Con II " 6	Township of Markham	International Water Supply Ltd.	Sep.28,1954	5½				"	T	Top soil 1;gravel 3;cemented gravel clay 43;sand clay 46;hard clay 65;soft clay silt sand 89;hard clay 103;shale 105.

YORK COUNTY-cont.  
Markham Twp.cont.

Con II	lot 11	Leitchcroft Farms	B.Roffey	May 17, 1954	4	10	80	50	Fresh	D	Brown clay 10; brown sand 20; brown sand stones 26; blue clay boulders 35; blue hardpan 90; marble clay 115; coarse grey sand 135; gravel 142; fine brown sand 172; blue hardpan 187; coarse gravel 209.
Con III	" 4	J.Schiemer	R.W.Renwick	Feb. 5, 1953	4	1	132	72	"	D	Till 10; blue clay 40; grey sand 130; coarse sand gravel 132.
Con III	" 4	W.R.Wiggins	P.Constable	Oct. 3, 1954	4	5	65	60	"	D	Pit 5; yellow sand clay stones 35; gravel 60; blue sand 80.
Con III	" 4	Township of Markham	International Water Supply Ltd.	Oct. 12, 1954	2	6			"	T	Clay 6; clay boulders 25; sandy clay gravel sand streaks 50; sand 66; gravel sand clay streaks 71; gravel 99; sandy clay little gravel 105; boulders 106; hardpan 122; shale 132.
Con III	" 5	B.Jacksie	R.B.Renwick	Jan. 22, 1953	4	2	90	70	"	D	Clay 8; till 23; hard grey clay 121; fine sand 123; hard blue clay 125; coarse sand fine gravel 128.
Con III	" 5	A.Cox	G.Pockler	Mar. 12, 1953	2	4	39	39	"	D	Red clay 9; grey clay 39; sand 48.
Con III	" 5	M.Kulik	R.F.Challoner	Apr. 29, 1953	2	6	45	25	"	D	Loam 1; sand 30; cemented gravel 55; gravel 60.
Con III	" 5	J.Reeve	G.Pockler	Jul. 21, 1953	2	5	31	31	"	D	Red clay 9; blue clay 31; gravel 40.
Con III	" 5	J.Rainbow	"	Aug. 20, 1953	2	3	25	25	"	D	Red clay 18; blue clay stones 25; fine gravelly sand 38; coarse sand blue clay 43.
Con III	" 5	G.Greenside	"	Nov. 6, 1953	2	2½	72	70	"	D	Blue clay 47; fine grey quicksand 72; fine sand 112; coarse sand 117.
Con III	" 5	Township of Markham	International Water Supply Ltd.	Sep. 22, 1954	5½				"	T	Top soil 2; clay sand silt 14; dirty sand 18; sand clay 24; tight sand hard clay 36; hardpan 37; tight sand clay 41; clay 55; cemented gravel clay 79; silt clay 90; hard fine and coarse sand 96; clay gravel 104; cemented clay gravel 125; shale 129.
Con III	" 6	"	"	Oct. 27, 1954	2	18	25	21½	"	T	Clay 2; clay boulders 5; clay coarse gravel 13; cemented sand gravel 16; tight sand little clay gravel streaks 63; tight sand fine gravel clay 82; gravel 83; brown clay sand gravel 100; blue clay sand 106; soft clay broken gravel sand 134; hardpan 135; gravel 139; cemented gravel boulders 141; hard clay gravel 186; shale 191.
Con III	" 6	"	"	Nov. 4, 1954	5½				"	T	Brown clay 8; blue clay gravel boulders 26; cemented sand gravel clay boulders 35; silty sand 41; sand gravel clay 115; fine sand clay 126; medium sand gravel little clay 134; cemented sand gravel clay boulders 151; clay 167; cemented gravel sand clay 190.
Con III	" 6	"	"	Dec. 1, 1954	2	50	46	44½	"	T	Clay 4; hard packed clay sand gravel 40; clay sand gravel 44; sand clay 47; sand gravel clay 56; sand gravel very little clay 74; gravel tight sand 84; gravel sand very little clay 97; hard packed gravel sand clay 197.
Con III	" 17	P.Berkinshaw	B.Roffey	Apr. 20, 1954	4	8	125	9	"	D	Brown clay 20; blue hardpan 80; grey sand small pebbles 100; coarse sand 115; rice gravel 125; coarse sand 135; marble blue clay 140; coarse sand 143; coarse gravel 146.
Con III	" 22	Romandale Farms Ltd.	Richmond Hill Well Drillers	May 7, 1954	4	5	40	Flows	"	D, S	Dark sandy top soil 5; brown clay pebbles 10; boulders 16; fine grey sand clay 47; grey clay pebbles 79; gravel coarse sand 83.
Con IV	" 6	Markham Sand & Gravel	P.R. Roadway	Oct. 29, 1953	5½	4	58	55	"	P	Blue clay 72; quicksand 100; blue clay 110; coarse sand gravel 124.
Con IV	" 6	"	"	Nov. 4, 1953	5½	4	58	55	"	P	Gravel clay 55; coarse sand gravel 75.
Con IV	" 8	"	"	Oct. 22, 1954	5½	4	65	60	"	D	Top soil 10; hardpan stones 60; silt clay 70; coarse sand gravel 80.
Con IV	" 8	P.C.McKay	P.Constable	Sep. 24, 1954	4	12	40	25	"	D	Pit 5; yellow sand 10; blue clay 120; gravel 128.
Con IV	" 11	A.L.Marshall	J.Sauder	Aug. 6, 1954	5				"	T	Top soil 2; yellow clay stones 18; yellow sand some clay 46; blue clay 120; fine grey sand clay 138; blue clay 260; hardpan 2d5; silt grey clay 330; blue-brown shale 400; black shale 460.
Con IV	" 11	"	"	Aug. 10, 1954					"	T	Top soil 2; yellow clay stones 51; sand 53; blue clay sand 71; gravel sand 75; blue clay 102.
Con IV	" 11	Imperial Oil Ltd.	International Water Supply Ltd.	Sep. 9, 1954	4	6		21	Fresh	C	Brown clay 8; sandy brown clay gravel 14; boulders sandy brown clay 16; sandy brown clay gravel odd boulder 28; coarse gravel boulders sand clay streaks 39; hard blue clay 46.
Con IV	" 13	Township of Markham	Pickering Drilling Contract	Oct. 17, 1953	6			13	"	T	Brown sandy soil 3; brown clay 15; brown sandy clay 20; grey clay 36.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY-cont. Markham Twp.cont.										
Con IV lot 15	Town of Markham	E.W.Ludwig	May 25, 1953	3 1/2	8	20	20	Fresh	P	Hardpan hard clay stones 60; grey quicksand 150; grey clay 195; black shale 242.
Con IV " 25	J.Cakebread	Richmond Hill Well Drillers	Jun. 18, 1954	4	8	200	60	"	D, S	Not indicated 149; fine grey sand 187; grey clay pebbles 233; fine grey clay sand 325; shale 327.
Con V " 6	Massey-Harris Farms	B.Roffey	Jul. 16, 1953	4	6	60	65	"	D	Brown clay 30; sand 35; blue clay 65; sand 72; blue clay 105; sand 120; blue sandy clay 132; coarse sand 160; sand gravel 166.
Con V " 9	C.Hatch	P.R.Boadway	Oct. 30, 1954	5 1/2	4	15	6	"	D, S	Clay 12; blue clay 40.
Con V " 9	"	"	Oct. 30, 1954	5 1/2	4	15	6	"	D, S	Clay 12; blue clay 40.
Con V " 11	J.Russel	"	Nov. 10, 1954	5 1/2	4	25	12	"	D	Dug well 10; hard sandy clay 40; hardpan 50.
Con V " 11	J.W.Perkins	"	Nov. 13, 1954	5 1/2	4	12	12	"	C	Dug well 27; hard clay stone 55; silt 59.
Con V " 13	Unionville Curling Rink	"	Oct. 25, 1953	5 1/2	4		Flows	"	P	Gravel fill 4 1/2; clay 10; gravel silt 18; blue clay 26; sand gravel 32; blue clay 40; quicksand 54; blue clay 94; gravelly clay 99; rock.
Con V " 14	F.H.Patterson	T.H.Rutledge	Jan. 30, 1953	5	6	90	60	"	D	Top soil 5; hardpan 55; gravel 60; hardpan 95; hard white sand 210; shale 230.
Con V " 16	D.Deacon	B.Roffey	Jun. 2, 1953	4	10	Flows	Flows	"	D	Brown clay 20; hardpan clay stones 49; blue clay sand 65; fine sand 72; fine and coarse sand 75.
Con V " 16	H.Snowball	"	Oct. 30, 1954	4			"	"	D	Brown clay 4; sand 14; blue clay 20; fine sand 37.
Con V " 30	A.L.Lowe	"	Jun. 12, 1953	4	2 1/2	0	"	"	D	Brown clay 21; blue clay sand 45; fine sand 55; blue clay sand 68; fine and coarse sand 71.
Con V " 34	C.Connor	G.Pockler	Dec. 14, 1953	2	4	16	16	"	D, S	Old well 22; blue clay 42; gravel 44.
Con VI " 12	M.Gardener	R.Gadke	Jun. 15, 1953	4	12	4	4	"	D	Gravel 42.
Con VI " 12	H.Boadway	P.R.Boadway	Nov. 3, 1954	5 1/2	1 1/2		Flows	"	D	Clay 18; blue clay stone 40.
Con VI " 16	A.Jubb	D.Graham	Feb. 18, 1953	2	3	33	33	"	D	Grey clay 38; sand 43.
Con VI " 27	A.Lewis	B.Roffey	Feb. 5, 1953	4	7	60	30	"	D, S	Clay 40; fine sand 44; clay hardpan stone 150; fine sand 160; very hard clay stones 239; coarse sand gravel 241.
Con VII " 11	N.Dzwin	R.Gadke	Jun. 30, 1953	4	8	34	32	"	D	Brown clay 15; fine yellow sand 62; hardpan boulders 95; blue sand boulders 107.
Con VIII " 7	Box Grove Realty	T.H.Rutledge	May 20, 1953	6	15	63	7	"	P	Brown clay gravel stones 10; blue clay 30; blue soggy clay 75; coarse quicksand 85; gravel 92; hardpan.
Con VIII " 35	L.Dennis	F.Constable	Oct. 18, 1954	4	10	20	5	"	D	Fill 5; yellow sand stones 20; blue clay stones 50; yellow sand stones 57.
Con VIII " 35	W.Brown	D.Graham	Dec. 6, 1954	2	3	Flows	Flows	"	D	Clay 45; sand 55.
Con IX " 11	J.McLachlan	E.W.Ludwig	Feb. 22, 1953	4	7	20	20	"	D	Hardpan 50; gravel 65.
Con X " 15	J.W.Garrett	B.Roffey	Nov. 18, 1953	4	6	Flows	Flows	"	D	Brown clay 10; blue clay 22; hardpan very stony 80; fine sand 110; blue clay sand 140; coarse and fine sand 144; coarse sand fine gravel 147.
Con X " 19	D.Wagg	"	Sep. 21, 1954	4	18		"	"	D, S	Previously drilled 70; coarse sand 80; blue clay 140; coarse sand 143; gravel 145.
Newmarket	Town of Newmarket	International Water Supply Ltd.	Oct. 6, 1954	7 1/2					T	Top soil 1; brown and blue clay 4; soft brown clay 17; blue clay 26; blue clay small gravel streaks 60; soft blue clay 92; blue clay gravel 93; blue clay 97; sandy blue clay gravel 103; sandy blue clay gravel hard packed and streaked 109; cemented sand gravel 112; hard blue clay 126; hard blue clay small gravel streaks 177; sandy blue clay gravel 194; boulders blue clay 195; sandy blue clay hard gravel streaks 202; cemented sand gravel boulders 203; soft blue clay 219; sandy blue clay sand and gravel streaks 230; cemented sand gravel boulders 232; fine gravel boulders dirty clay 236; blue clay gravel odd boulder and streaked 304; sandy blue clay 343; hard packed sandy blue clay gravel 345; sandy blue clay 346; cemented sand gravel 353; hard packed sandy grey clay gravel 357; cemented sand gravel 359; (continued)



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY-cont.										
North Gwillimbury Twp.cont.										
Con III lot 10	H.Smith	Reliance Well Drl	Oct. 2, 1953	2	7	Flows	Flows	Fresh	D	Soft grey clay 62; gravel 65.
Con III " 10	A.Hubley	"	May 22, 1954	2	15	"	"	"	D	Top soil 4; soft clay 60; hard packed sand 67; coarse sand 68.
Con III " 10	C.Goodyear	Keswick Well Drl.	Jun. 17, 1954	4 1/2	52	"	"	"	C	Gravel fill 3; blue clay 55; gravel 63; sand 85; hardpan 94.
Con III " 11	G.Hoir	Reliance Well Drl	Jun. 24, 1954	2	20	"	"	"	D	Top soil 3; soft grey clay 60; hard packed sand 78; sand 79.
Con III " 11	W.Miller	"	Sep. 6, 1954	2	12	"	"	"	D	Top soil 3; soft grey clay 46; hard packed sand 52.
Con III " 11	W.Burnett	"	Oct. 8, 1954	2	10	8	4	"	D	Top soil 3; clay 21; coarse sand 65; fine gravel 67.
Con III " 12	E.Dixon	Keswick Well Drl.	Nov. 1, 1953	4	17	Flows	Flows	"	D	Yellow sand 6; blue clay 43; gravel 45; blue clay 55; blue clay pebbles 56; gravel 65; gravel streaks of blue clay 70; blue clay 77; gravel 82; hard grey sand 85; boulders 87; hard grey sand 94. Top soil 3; soft clay 70; hard packed gravel 74; hard clay 100; quicksand 130. Dry hole.
Con III " 12	F.Powers	Reliance Well Drl	Jun. 7, 1954	2					D	Yellow sand 3; blue clay 20; blue clay gravel 65; gravel 70; gravel blue clay 80; gravel 89.
Con III " 12	S.Moss	Keswick Well Drl.	Jul. 2, 1954	4 1/2	1/2	Flows	Flows	Fresh	D	Top soil 3; soft clay 69; hard packed sand gravel 78; loose sand 79.
Con III " 12	A.Holland	Reliance Well Drl	Jul. 26, 1954	2	14	"	"	"	D	Dug well 30; hardpan stones 70; hard blue clay 130; fine sand 138.
Con III " 14	Keswick Memorial Arena.	P.R. Roadway	Aug. 20, 1954	5 1/2	4	48	38	"	P	
Con III " 15	F.Millar	Keswick Well Drl.	Aug. 14, 1953	4	2 1/2	88	30	"	C	Old well 190; gravel 193.
Con V " 10	R.Pollock	Reliance Well Drl	Jun. 11, 1954	2	5	Flows	Flows	"	S	Hard clay 3; soft clay 112; sand fine gravel 113.
Con VII " 18	A.Selby	P.R. Roadway	Sep. 26, 1953	5 1/2			12	"	D, S	Dug well 22; hardpan stones 42.
Con VIII " 1	School	"	Mar. 16, 1953	4 1/2			0	"	P	Dark sandy soil 4; quicksand 25; blue clay 60; fine sand 70; hardpan stones 78; rock.
Con IX " 5	School S. #3	"	Sep. 14, 1954	5 1/2	4	10	8	"	P	Clay 15; blue clay boulders 40; coarse sand 43.
Con IX " 12	J.Wilson	"	May 13, 1953	4 1/2	3	15	10	"	D	Clay 18; blue clay 75; quicksand 78.
Con IX " 15	D.Litner	Keswick Well Drl	Jul. 10, 1954	4 1/2	3	20	6	"	D	Yellow clay 6; gravel 12; boulders 21; gravel.
Con IX " 17	W.Szollosy	Reliance Well Drl	Jun. 1, 1953	2	5	14	11	"	D	Hard clay 12; clay small stones 20; gravel 22.
North York Twp.										
YSE Con I lot 15	W.C.Rean	R.W.Renwick	Sep. 15, 1954	5	8	50	20	Fresh slight Sulphur	D	Clay gravel boulders 10; brown clay sand 25; blue clay 60; gravel coarse sand 65; medium sand 70.
YSE Con III " 13	G.Henry	B.Roffey	May 10, 1953	4	10	40	40	"	D	Sand 30; soft blue clay 110; hardpan 140; shale rock 168; shale gravel 170.
YSE Con III " 13	D.Leonard	"	Jul. 6, 1953	4	7	50	50	"	D	Brown sand 30; grey sand 70; soft blue clay 110; hardpan 146; blue sand 158; shale rock 174; black shale gravel 178.
YSE Con III " 13	B.A.Howard	Richmond Hill Well Drillers	Jul. 27, 1954	4	2	95	60	Fresh	D	Fill top soil 14; sand 63; blue clay 92; sand clay 121; shale 125.
YSE Con III " 19	O.Robinson	R.F.Challoner	Jun. 10, 1953	2	6	75	40	"	D, S	Brown clay 10; mushy blue clay 80; heavy gravel 85.
YSE Con IV " 15	B-A Oil Co.	C.H.Rutledge	Oct. 15, 1954	8				"	D	Brown clay 18; blue clay 25; hardpan 50. Dry hole.
YSE Con IV " 15	"	"	Oct. 29, 1954	8	27	68	23	"	C	Brown clay 18; blue clay 44; hardpan 68; dirty sand gravel 72.
YSW Con II " 23	W.Cameron	R.F.Challoner	Mar. 3, 1953	2	4		47	"	D	Brown clay 4; brown hardpan sand 70; cemented gravel 87; sand 92.
YSW Con II " 25	J.Thiess	"	Oct. 20, 1953	2	6	70	35	"	D	Loam 2; blue clay 44; cemented gravel 74; quicksand 80; gravel 85.
YSW Con III " 19	C.Rowntree	T.H.Rutledge	Dec. 1, 1953	4	5	130	80	"	P	Top soil 2; brown clay 15; blue clay 40; hardpan 110; blue clay 130; hard blue dead sand 175; blue shale 230.
YSW Con III " 21	School	R.B.Renwick	Nov. 23, 1954	2	2 1/2		65	"	P	Top soil 2; yellow clay 17; blue clay sand 29; coarse gravel 34; blue clay 128; shale 131; blue clay 139; shale 141; blue clay 146; blue sand 158.
YSW Con III " 25	Imperial Oil	J.O'Connor	May 1, 1954	5 1/2					C	Top soil 2; fine sand 125. Dry hole.
YSW Con III " 25	"	International Water Supply Ltd.	Aug. 1, 1954	4	1		55	Fresh	C	Brown clay gravel 6; brown clay gravel boulders 9; brown clay gravel 21; fine sand 28; blue clay 99; hard packed fine sand and silt 136; fine sand fine gravel clay 155; gravel fine sand clay 161; sandy blue clay 165.
YSW Con IV " 18	R.Snider	P.Constable	Aug. 16, 1953	2	2	120	118	"	D	Dug well 6 1/2; yellow sand 58; blue clay 70; white sand 119; blue clay 139; sand 146.

## YORK COUNTY-cont.

## North York Tw.-cont.

YSW Con IV	lot 19	Sorbara & Snider Development	International Water Supply Ltd.	Dec.18,1953	2	10	19	6½	Fresh	T	Top soil 1;brown sandy clay 4;blue clay 6;silty sand fine sand 71;boulders 72;blue clay streaks of gravel sand shale 79;soft shale 87½.
YSW Con IV	" 20	"	"	Dec.30,1953	2	16	12½	8½	"	T	Top soil 1;blue clay gravel boulders 4;blue clay 12;silt streaks of clay 25;sand silt 56;gravel sand boulders 62;silty clay gravel 84;soft shale 89.
YSW Con V	" 18	Fisher & Porter	S.McCauley	Jul. 3,1953	4	5	68	65	"	In	Yellow clay 11;blue clay 52;fine sand 136;coarse sand 137.
YSW Con V	" 22	Winston Park Development	International Water Supply Ltd.	Dec.10,1953	4	32	64	31½	"	T	Top soil 1;brown clay 2;clay gravel boulders 3;sandy clay 7; hard sandy blue clay and gravel 33;silty sand some gravel 61; blue clay 67;blue clay boulders 68;silty sand some clay 87; blue clay silt 119;gravel sand boulders shale blue clay red clay 129;shale or cemented gravel 134½.
YSW Con V	" 25	G.Hoover	J.N.Snider	Sep. 1954	5½	8	75	69	Fresh	D,S	Top soil yellow clay 9;dirty coarse sand 13;blue clay 14; boulders clay 30;dirty sand gravel 32;boulders clay 60;sand silt 100;blue clay 101;silt 103;blue clay 125;dark fine sand becoming coarser 132.
YSW Con VI	" 22	Winston Park Development	International Water Supply Ltd.	Dec. 1,1953	4	150	31	4	"	P	Top soil 1;brown sandy clay gravel 3;blue clay gravel 13;blue clay boulders 14;silty clay fine sand 26;blue clay 32;blue clay boulders 33;blue clay some sand gravel 39;blue clay boulders gravel sand 45;hard blue clay sand gravel 51; cemented sand gravel with soft streaks 63;blue clay sand gravel boulders 68;gravel sand boulders streaks of clay 85; boulders gravel sand streaks of clay 97;sand gravel 100; gravel sand boulders streaks of clay 106;sandy clay gravel 109;cemented sand gravel red clay 113;red and blue sandy clay streaks of gravel 124;blue clay sand gravel 144;cemented sand and gravel 146;blue clay sand gravel 161;sandy clay gravel 304;cemented sand and gravel boulders streaks of shale 330; shale 332.
YSW Con VII	" 24	W.Briggs	F.Constable	Oct. 5,1954	4	10	80	65	Fresh	D	Top soil 1;sandy loam 7;blue clay 75;hard gravel 105.
YSW Con VII	" 24	School	R.W.Renwick	Oct.28,1954	6	7	120	70	"	P	Previously drilled 119;pea gravel 131.
YSW Con VII	" 24	School	R.B.Renwick	Nov. 3,1954	2						Dug well 15;brown sand 18;blue clay 157;blue sand 160.Dry hole.
Richmond Hill		Village of Richmond Hill	International Water Supply Ltd.	Aug. 6,1954	2	25	18	9½	Fresh	T	Sand clay gravel 20;clay 24;gravel 26;silty clay 82;gravel sand 86;blue clay 97;silty dirty clay 105;clay streaks of silt and sand 112;gravel 128;sand 130;clay 133;boulders clay 134; sandy clay 138.
Richmond Hill		"	"	Aug.18,1954	1½	25	8	5½	"	T	Clay boulders gravel 22;silty sand 36;sandy clay 55;hard clay 57;gravel 68;clay 69;tight sand 73;tight gravel sand 86;clay sand 94;sand clay 105;clay 110;silty sand clay 142;boulders gravel 146;hardpan 153.
Richmond Hill		"	"	Aug.24,1954						T	Clay boulders 12;streaks of clay and sand 21;silt sand 40;silt sand clay 67;fine sand soft clay 83;clay 30.
Scarborough Twp. Con IV	lot 15	School	T.H.Rutledge	Jul.18,1953	5	150		16	Fresh	P	Brown clay 15;hard brown hardpan 30;softer blue hardpan 70; gravel 81;hardpan.
Con V	" 23	P.Shippleman	G.Fockler	May 20,1954	2	3	80	75	"	D,S	Soft clay 70;clay stones 85;fine sand 91;coarse sand 95.
Sutton		Ont.Hydro-Elec	P.R.Boadway	Feb.20,1953	4½	6	20	18	Fresh	C	Clay 15;blue clay stone 38.
Sutton		V.Davies	"	Feb.24,1953	4½			24	"	D	Dug well 27;hardpan 47.
Sutton		R.Saulaman	"	Feb.28,1953	4½	6	22	20	"	D	Clay 18;sand gravel 36.
Sutton		M.Murdock	"	Apr.10,1953	4½	4	22	18	"	D	Clay 18;blue clay 40;coarse sand gravel 60.
Sutton		B-A Oil Co.	"	May 23,1953	4½	3	40	24	"	C	Dug well 34;gravel sand 45.
Sutton		B.Katz	Keswick Well Dri.	Aug. 1,1953	4	3	28	6	"	D	Previously drilled 61;sand 88;gravel.
Sutton		W.Holstock	P.R.Boadway	Sep. 8,1953	4½	3	25	20	"	D	Dug well 10;hardpan 28;gravelly clay sand 34.
Sutton		M.Davies	"	Apr.17,1954	5½	3	30	20	"	P	Clay 10;hardpan stones 35;fine sand 45;coarse sand gravel 53.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION		OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY-cont.											
Sutton		H.Kotyer	F.R.Boadway	Apr.24,1954	5½	2	35	15	Fresh	D	Dug well 15;red clay sand 25;clay sand gravel 39.
Sutton		H.Sanders	"	Apr.29,1954	5½	4	20	8	"	D	Red clay sand 12;blue clay 25;hard clay stones 43;coarse sand 45
Sutton		Church	"	May 4,1954	5½	2	27	17	"	P	Red sandy clay 10;hard blue clay stones 30;gravel clay 32.
Sutton		C.Mcalpine	"	Jul.14,1954	5½	4	26	22	"	D	Red sand 6;hard clay stones 74.
Sutton		J.Johnston	"	Aug.12,1954	5½	4	30	22	"	D	Dug well 20;hardpan 60;sand gravel 80.
Sutton		S.Katz	"	Sep.28,1954	5½	4	20	14	"	D	Sandy soil 6;red clay boulders 25;clay sand 35;coarse sand 43.
Sutton		M.Wortsman	"	Oct. 4,1954	5½	4	20	15	"	D	Dug well 15;hard clay stones 30;coarse sand 37.
Sutton		S.Katz	"	Oct. 6,1954	5½	3	20	18	"	D	Sandy top soil 4;hardpan boulders 30;sandy clay 38;coarse sand gravel 43.
Sutton		B-A Oil Co.Ltd.	"	Nov.18,1954	4½	3	30	20	"	C	Old well 46;coarse sand gravel 68.
Sutton		AvenueCleaners	"	Dec.10,1954	5½	4	15	8	"	C	Clay 16;hard blue clay 20;coarse sand 22.
Vaughan Twp.											
Con I	lot 26	R.Cochran	R.P.Challoner	Feb.13,1953	2	4	110	67	Fresh	D	Brown clay 4;brown hardpan sand 100;sand 117.
Con I	" 26	G.Boach	C.H.Rutledge	Apr. 2,1954	4	7	80	78	"	D	Top soil 3;brown clay 20;brown sand 60;hard white sand 100; fine gravel 105.
Con I	" 26	J.Wilson	R.B.Renwick	Apr. 2,1954	2	2½		30	"	D	Top soil 2;blue clay 43;till 57;blue clay sand 66;gravel 69; sand 77;sand gravel 84.
Con I	" 26	A.E.Higgs	R.P.Challoner	May 4,1954	2	4½	130	67	"	D	Loam 1;cemented sand gravel 137;gravel 141.
Con I	" 26	F.Ostroski	C.H.Rutledge	Jun. 2,1954	3	15	160	65	"	D	Top soil 2;brown clay 29;blue clay 40;brown sand clay 75;muddy fine blue sand 120;gravel clay 126;blue clay 160;muddy sand clay 175;clear fine and coarse sand 200.
Con I	" 26	G.A.Baker	R.W.Renwick	Jun.10,1954	2	4		40	"	D	Gravel and clay mixed boulders 45;blue clay 75;fine sand 98.
Con I	" 26	W.Jarvi	Richmond Hill Well Drillers	Jul. 2,1954	4	2	90	40	"	D	Dark sandy soil 15;brown clay pebbles 50;boulders 60;gravel clay 90;sand 95.
Con I	" 26	J.Cole	C.H.Rutledge	Jul.15,1954	4	15	110	90	"	D	Top soil 1;brown clay 22;brown sand clay gravel 40;brown sand 90;very fine sand 129;medium sand 134;Clay.
Con I	" 26	J.Gibbons	P.Harrison	Jul.30,1954	2	2½	67	67	"	D	Clay 26;gravel hardpan 32;blue clay 66;sand 84;blue clay 97; quicksand 105;sand 109.
Con I	" 26	S.Flear	C.H.Rutledge	Dec.28,1954	4½	10	85	78	"	D	Top soil 2;brown clay 20;brown sand 60;hard white sand 110; gravel 115.
Con I	" 29	E.H.Ross	B.H.Findlay	Jan.12,1953	2	2		66	"	D	Brown clay 17;blue clay 68;black silty sand 73;blue clay 101; sand 105.
Con I	" 29	K.Cain	R.P.Challoner	Jan.14,1953	2	4	120	50	"	D	Brown clay 5;blue clay 125;sand 130.
Con I	" 29	A.J.Spall	"	Mar.17,1953	2	7	40	0	"	D	Loam 2;cemented gravel 32;blue clay 55;gravel 60.
Con I	" 29	D.Sheldrake	B.H.Findlay	Mar.20,1953	2				"	D	Brown clay 14;blue clay 59;stones 60. Abandoned.
Con I	" 29	"	"	Apr.10,1953	2	3		44	"	D	Brown clay 16;blue clay 61;stones 64;blue clay 78;fine sand 82;sand 86.
Con I	" 29	C.Smith	"	Apr.22,1953	2	3		61	"	D	Brown clay 9;sandy brown clay 18;stony blue clay 95;fine sand 106;sand 110.
Con I	" 29	D.Sheldrake	"	May 29,1953	2				"	D	Brown clay 17;blue clay 88;hardpan gravel stones 91;blue clay 122. Abandoned.
Con I	" 29	"	R.W.Renwick	Jul.24,1953	2	3		28	"	D	Brown sandy soil 9;blue clay gravel 39;blue clay 112;fine grey sand 114;blue clay 145;medium grey sand 152.
Con I	" 29	E.Bowyer	B.H.Findlay	Aug.12,1953	2	5		16	"	D	Brown clay 12;blue clay stones 41;gravel 45.
Con I	" 29	J.Antonio	R.W.Renwick	Aug.16,1953	2	5		26	"	D	Brown sandy soil 12;blue clay gravel 37;blue clay 106;fine grey sand clay 111;blue clay 121;fine grey sand 128.
Con I	" 29	E.Kingdon	R.P.Challoner	Oct.15,1953	2	3	135	45	"	D	Loam 2;blue clay 135;fine sand 144.
Con I	" 29	W.E.Moore	B.H.Findlay	Nov. 6,1953	2	3		10	"	D	Brown clay stones 14;stony blue clay 34;coarse gravel 38.
Con I	" 29	P.Jenkin	"	Jan.30,1954	2	2		82	"	D	Dug well 17;fine sand 19;blue clay stones 100;sand 104.
Con I	" 29	G.Wright	"	Feb.11,1954	2	5		37	"	D	Brown clay 14;blue clay stones 69;coarse gravel 72.
Con I	" 29	B.Ineichen	R.B.Renwick	Apr.19,1954	2	3½		50	"	D	Top soil 1;yellow clay 15;blue clay and gravel mixed 104;fine sand 124.

YORK COUNTY-cont.  
Vaughan Twp.cont.

Con I	lot 29	J. Antonacci	R.B. Renwick	May 12, 1954	2	3	45	30	Fresh	D	Top soil 4; till 15; blue clay 50; blue sand gravel 57.
Con I	" 30	C. Smith	B.H. Pindlay	Jan. 14, 1953	2	4		13	"	D	Sandy brown clay 38; coarse gravel 42.
Con I	" 30	D. McGiven	"	Feb. 20, 1953	2				"	D	Brown clay 10; blue clay 39; hardpan gravel 47; blue clay 110; hardpan gravel 116; blue clay 148; shale 147; Dry hole.
Con I	" 30	"	"	Mar. 4, 1953	2	2 1/2		43	"	D	Sandy brown clay 18; blue clay 74; hardpan clay 88; sand 92.
Con I	" 30	D. Smiley	Ellacott Well Drl	May 25, 1953	2	1 1/2		62	"	D	Hard clay very stony clay 90; hardpan 92; white sand 104.
Con I	" 30	C. Smith	B.H. Pindlay	Jun. 6, 1953	2	2		44	"	D	Brown clay 14; blue clay 48; hardpan gravel 52; hardpan gravel clay 72; sand 75.
Con I	" 30	N. Stirling	"	Jun. 12, 1953	2	3		72	"	D	Brown clay 11; blue clay 124; sand 128.
Con I	" 30	J.R. Hubbard	"	Jul. 7, 1953	2	5		33	"	D	Stony brown clay 12; stony blue clay 60; coarse gravel hardpan 61; blue clay 75; coarse gravel 79.
Con I	" 30	N.W. Bradley	"	Jul. 14, 1953	2	3		45	"	D	Brown clay 18; blue clay stone 64; gravel 71; blue clay 78; coarse gravel 82.
Con I	" 30	H.F. Styles	"	Jul. 20, 1953	2	2		46	"	D	Brown clay 21; brown sand 48; blue clay 68; brown sand 72.
Con I	" 30	D. Simpson	"	Jul. 22, 1953	2	5		15	"	D	Brown clay 10; blue clay 40; gravel 44.
Con I	" 30	E.G. Gordon	R. Halford	Jul. 27, 1953	2	3		15	"	D	Blue clay 15; sand 40; gravel 43.
Con I	" 30	C. Smith	B.H. Pindlay	Jul. 27, 1953	2	2 1/2		76	"	D	Brown clay 14; blue clay 108; sand 112.
Con I	" 30	"	"	Jul. 30, 1953	2	4		31	"	D	Brown clay 12; blue clay 40; hardpan gravel 42; blue clay 73; gravel 77.
Con I	" 30	P.B. Forster	"	Aug. 4, 1953	2	2 1/2		66	"	D	Brown clay 16; blue clay stones 108; sand 112.
Con I	" 30	W.S. Miner	"	Aug. 7, 1953	2	3		47	"	D	Brown clay 16; hard brown clay stones 22; blue clay 33; hardpan gravel 34; blue clay 65; gravel 69.
Con I	" 30	D.H. Butt	"	Aug. 15, 1953	2	5		16	"	D	Brown clay 12; stony blue clay 42; coarse gravel 46.
Con I	" 30	L. Granger	"	Aug. 19, 1953	2	2 1/2		36	"	D	Brown clay 14; blue clay stones 63; coarse gravel 67.
Con I	" 30	"	"	Aug. 22, 1953	2	5		17	"	D	Brown clay 14; blue clay stones 42; coarse gravel 46.
Con I	" 30	J.T. Gibbins	"	Aug. 30, 1953	2	2		34	"	D	Brown clay 13; stony blue clay 66; coarse sand 70.
Con I	" 30	H.F. Heidman	"	Dec. 14, 1953	2	5		19	"	D	Brown clay 13; stony blue clay 56; coarse gravel 60.
Con I	" 30	"	"	Dec. 23, 1953	2	4 1/2		49	"	D	Brown clay 12; stony blue clay 54; coarse gravel 58.
Con I	" 30	H. Huckville	"	Jan. 7, 1954	2	3		50	"	D	Brown clay sand 18; stony blue clay 40; hardpan gravel 42; blue clay stones 72; sand 76.
Con I	" 30	J. Gibbins	B.H. Pindlay	Mar. 12, 1954	2	4		48	"	D	Sandy brown clay 17; stony blue clay 30; fine sand 100; coarse sand 104.
Con I	" 30	L. Grainger	"	May 12, 1954	2	4		24	"	D	Brown clay 18; stony blue clay 58; coarse sand 62.
Con I	" 30	H.F. Heidman	"	Jun. 25, 1954	2	4		59	"	D	Sandy brown clay 32; clay stones 92; coarse gravel 96.
Con I	" 30	W. E. Moore	"	Jul. 17, 1954	2	5		24	"	D	Brown clay 24; blue clay 58; coarse sand gravel 62.
Con I	" 30	L. Grainger	"	Aug. 3, 1954	2	5		18	"	D	Brown clay 15; blue clay 44; coarse sand gravel 48.
Con I	" 30	R. Stinson	"	Aug. 9, 1954	2	3		66	"	D	Brown clay 18; blue clay 60; fine sand 66; blue clay 101; sand 105.
Con I	" 30	K. Krutalen	"	Aug. 13, 1954	2	3		51	"	D	Brown clay 22; blue clay 87; sand 91.
Con I	" 30	E. Dyer	"	Aug. 17, 1954	2	5		44	"	D	Brown clay 18; blue clay 88; coarse gravel 92.
Con I	" 30	J. Gibbins	"	Nov. 25, 1954	2	5		78	"	D	Brown clay 16; stony blue clay 82; hard clay gravel 103; blue clay 118; shale 138.
Con I	" 31	P. Quartermain	F. Harrison	Jan. 10, 1953	2	3		55	"	D	Brown clay 28; sand 42; white clay 70; hard gravel 74; blue clay 112; fine sand clay 136; soft shale 138; quicksand 146; sand 150.
Con I	" 31	J.M. Heron	"	Jan. 20, 1953	2	3		53	"	D	Brown clay 45; sand 68; quicksand 78; white clay 98; fine sand 108; coarse sand 112.
Con I	" 31	E. Windsor	T.H. Rutledge	Jun. 20, 1953	4	6	115	90	"	D	Light brown clay 20; hard brown muddy sand 45; blue clay 55; clay blue sand gravel 110; fine muddy sand 130; clear coarse sand 158.
Con I	" 31	D.E. Hodgins	B.H. Pindlay	Jun. 26, 1953	2	2 1/2		50	"	D	Top soil brown clay 12; sandy blue clay 40; sand 52; blue clay 64; sand 68.
Con I	" 31	A. Kent	C.E. Snider	Jul. 3, 1953	4	10	81	73	"	D	Top soil 2; yellowish sand clay 80; cemented reddish gravel 82; reddish sand 98; fine white sand 133; black sand fine gravel 138.
Con I	" 31	D. Sheldrake	R.B. Renwick	Jul. 18, 1953	2	5			"	D	Yellow clay 28; coarse gravel hard blue clay 37; blue gummy clay 92; hard grey clay gravel 110; fine sand 116; clay.
Con I	" 31	D. Riddell	F. Harrison	Jul. 21, 1953	2	5		40	"	D	Clay 30; sand 42; clay 57; sand 62.
Con I	" 31	E.C. Sparks	R.B. Renwick	Aug. 18, 1953	2	3		38	"	D	Yellow clay 16; grey clay sand 22; blue gummy clay 63; soft sand blue clay 89; grey sand 94.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY-cont. Vaughan Twp.cont.										
Con I lot 31	E.Jackson	R.B.Renwick	Aug.28,1953	2	2		40	Fresh	D	Yellow clay 12;grey clay sand 21;blue gummy clay 60;blue clay gravel 78;fine grey sand 88.
Con I " 31	J.Devlin	Ellacott Well Drl	Oct. 2,1953	2	4		65	"	D	Clay 14;gravel 15;blue clay 74;quicksand 79;clay 98;coarse sand 103;clay 106.
Con I " 31	H.E.Howe	T.H.Rutledge	Nov. 1,1953	4	6	90	74	"	D	Top soil 2;brown clay sand 22;brown clay gravel 30;blue clay 55;hard white sand some clay 130;sand 145;gravel 153.
Con I " 31	A.McKibbin	R.B.Renwick	Dec.12,1953	2	6		22	"	D	Yellow clay 38;blue clay gravel boulders 42;gummy blue clay 87; fine sand clay 92;grey sand 96.
Con I " 31	W.T.Heron	F.Harrison	Mar.16,1954	2				"	D	Clay sand 26;fine sand blue clay 31;white clay 102.Dry hole.
Con I " 31	C.H.Aho	B.H.Pindlay	Apr.15,1954	2	3 1/2		91	"	D	Brown clay 16;soft blue clay 127;sand 131.
Con I " 31	D.Sheldrake	R.B.Renwick	May 25,1954	2	4	20	12	"	D	Top soil 4;blue clay sand 36;blue sand 51.
Con I " 31	A.H.Newell	B.H.Pindlay	May 28,1954	2	3		104	"	D	Brown clay 14;sand 94;blue clay stones 148;sand 152.
Con I " 31	D.Sheldrake	R.B.Renwick	Jun. 3,1954	2				"	D	Top soil 3;blue clay 28;brown sand clay 86;brown sand 94; gravel 100;shale. Dry hole.
Con I " 31	"	"	Jun.12,1954	2				"	D	Top soil 3;blue clay 30;brown sand clay 63;brown sand clay boulders 81;brown sand 93;gravel 100;shale. Dry hole.
Con I " 31	D.McLean	R.F.Challoner	Jul.22,1954	2	3	133	30	"	D	Pit 6;sand gravel 66;blue clay 106;quicksand 136;sand 145.
Con I " 31	D.Sheldrake	R.W.Renwick	Aug.18,1954	6	7	32	12	"	D	Clay sand boulders 12;blue clay 20;brown sand 40.
Con I " 31	S.Kaskiw	C.H.Rutledge	Sep.15,1954	4	4	98	60	"	D	Brown clay 17;blue clay 35;hardpan 85;gravel clay 92;gravel 98.
Con I " 31	C.DaCin	R.W.Renwick	Nov.22,1954	4	3	85	40	"	D	Sand clay 20;fine brown sand 35;blue clay 38;brown sand 45;blue clay 47;sand gravel 84;blue clay 88;gravel 90;fine sand 105.
Con I " 31	R.Napier	F.Harrison	Dec.10,1954	2	4	70	70	"	D	Sand clay 37;sand 68;white clay 93;blue clay 126;quicksand 141; sand 146.
Con I " 32	P.Tobias	T.H.Rutledge	Aug.15,1953	4	3	100	55	"	D	Brown clay 15;brown sandy clay 60;soft blue clay 110;fine sand 125;coarse sand 129.
Con I " 32	G.Littooy	Ellacott Well Drl	Aug.26,1953	2	3		89	"	D	Brown clay 4;sand 42;blue clay 58;fine white sand 87;sandy clay 90;white sand 97.
Con I " 32	I.Simpson	"	Feb.18,1954	2	3		66	"	D	Brown clay 12;sand 43;sandy hardpan small streaks of slate 92; quicksand 101;sharp white sand 104;blue clay 105;white sand 108.
Con I " 32	E.Brett	F.Constable	Jun.21,1954	4	16	86	83	"	D	Top soil 1;blue clay 22;fine sand 92;coarse sand 97.
Con I " 33	J.Corlett	F.Harrison	Feb.18,1953	2	3		53	"	D	Brown clay 23;sand 48;blue clay 86;quicksand 104.
Con I " 33	R.Brown	"	Apr.29,1953	2	3		59	"	D	Clay 28;sand 54;blue clay 90;sand 104.
Con I " 33	P.Kerr	"	May 14,1953	2	3		54	"	D	Clay 35;sand 65;blue clay 90;sand 109.
Con I " 33	W.Thompson	"	Jun.11,1953	2	3		62	"	D	Clay 22;sand 66;blue clay 92;quicksand 103;sand 106.
Con I " 33	K.Bentley	Ellacott Well Drl	Jun.29,1953	2	5		53	"	D	Brown and blue clay stones 96;fine quicksand 116;hardpan 117; coarse white sand 121.
Con I " 33	N.Roberts	F.Harrison	Jun.29,1953	2				"	D	Clay 30;sandy clay 70;clay 100;sand 105. Dry hole.
Con I " 33	J.Gibbins	"	Jul.14,1953	2	3		57	"	D	Clay 22;sand 55;clay 80;sand 100.
Con I " 33	J.B.Forbes	International Water Supply Ltd.	Jul.16,1953	4	7 1/2	80	28 1/2	"	D	Brown clay some gravel 16;blue clay gravel some silt 34;fine sand silt 42;blue clay some gravel silty sand 62;fine silty sand soft clay 88; blue clay 111;gravel sand clay streaks 116; blue clay some gravel 122;fine silty sand 125;gravel sand clay 134;dirty blue clay gravel sand 137.
Con I " 33	C.Boyer	Ellacott Well Drl	Jul.22,1953	2	5		50	"	D	Brown and blue clay 96;fine quicksand 103;hardpan 104;sharp white sand 118.
Con I " 33	J.T.Small	"	Aug.11,1953	2	5		58	"	D	Clay 33;sand 95;white clay 109;sharp white sand 116.
Con I " 33	D.Brown	F.Harrison	Aug.13,1953	2	3	38	38	"	D	Clay 26;sand 66;blue clay 91;quicksand 101.
Con I " 33	T.Humphrey	"	Aug.20,1953	2	3	22	22	"	D	Yellow clay 26;sand 74;blue clay 91;quicksand 103;sand 108.
Con I " 33	N.E.Roberts	T.H.Rutledge	Sep. 2,1953	4	1 1/2		62	"	D	Brown clay 15;brown sandy clay 88;hard blue sand 126;sand 131.
Con I " 33	R.McNickel	B.H.Pindlay	Sep. 4,1953	2	1 1/2		80	"	D	Brown clay sand 22;blue clay 110;sand 113;blue clay 124; coarse sand 128.
Con I " 33	T.Denison	Ellacott Well Drl	Sep. 7,1953	2	2		55	"	D	Clay 86;fine white quicksand 110.

YORK COUNTY-cont.  
Vaughan Twp.cont.

Con I	lot 33	H.Kerny	B.H.Findlay	Sep.14,1953	2	4	77	Fresh	D	Brown clay 20;blue clay 60;sand 68;blue clay 89;hardpan gravel 92;blue clay 109;sand clay 118;blue clay 123;coarse sand 127.
Con I	" 33	B.S.Wemp	F.Harrison	Sep.14,1953	2	3	48	"	D	Clay 26;sand 61;blue clay 90;quicksand 106;sand 111.
Con I	" 33	G.Sayer	"	Sep.15,1953	2	3	48	"	D	Clay 22;sand clay 44;blue clay 98;quicksand 110;sand 115.
Con I	" 33	W.Martin	Ellacott Well Drl	Sep.16,1953	2	5	48	"	D	Brown and blue clay 94;fine quicksand 103;hardpan 104;sharp white sand 116.
Con I	" 33	W.Thompson	F.Harrison	Oct.23,1953	2	3	48	"	D	Clay 20;sand 34;blue clay 93;quicksand 104;sand 105.
Con I	" 33	G.Shilton	"	Nov. 2,1953	2	3	55	"	D	Clay 20;sand clay 45;blue clay 94;quicksand 100.
Con I	" 33	D.Sheldrake	R.B.Renwick	Nov. 8,1953	2	2	"	"	D	Yellow clay 32;blue clay 90;fine sand clay 94;fine sand 100.
Con I	" 33	"	"	Nov.23,1953	2	4	"	"	D	Yellow clay 28;blue clay 102;fine sand clay 110;fine sand 116.
Con I	" 33	R.Peer	F.Harrison	Nov.24,1953	2	3	48	"	D	Clay 20;sand clay 42;blue clay 98;quicksand 103.
Con I	" 33	D.Sheldrake	R.B.Renwick	Dec. 4,1953	2	2½	60	"	D	Hard yellow clay 44;yellow clay sand 49;till 83;sand 91;grey clay 108;grey clay sand 121;sand 129.
Con I	" 33	A.Kaufman	F.Harrison	Dec.11,1953	2	3	74	"	D	Clay 22;sand clay 44;blue clay 96;sandy clay 100;quicksand 105;sand 110.
Con I	" 33	D.Sheldrake	R.B.Renwick	Jan.22,1954	2	2½	60	"	D	Top soil 4;yellow clay 23;yellow clay sand 28;compact blue clay 91;yellow clay sand 109;sand 114.
Con I	" 33	F.Nicholson	F.Harrison	Feb. 9,1954	2	2½	70	"	D	Yellow clay 22;clay sand 47;sand 66;blue clay 95;sand 110.
Con I	" 33	J.Cox	B.H.Findlay	Apr. 8,1954	2	2	71	"	D	Brown sand clay 43;stony blue clay 89;white sand 93.
Con I	" 33	C.H.Wright	R.F.Challoner	Apr.17,1954	2	3	90	"	D	Loam clay 10;blue clay 90;quicksand 95;sand 104.
Con I	" 33	G.Embree	F.Harrison	Apr.19,1954	2	3	64	"	D	Clay 17;clay sand 44;sand 61;blue clay 93;quicksand 98;sand 102.
Con I	" 33	W.N.Redsell	B.H.Findlay	May 4,1954	2	2½	88	"	D	Stony brown clay sand 74;hard blue clay 111;white sand 115.
Con I	" 33	A.Kaufman	F.Harrison	May 25,1954	2	3	55	"	D	Clay 28;clay sand 47;white clay 66;blue clay 97;quicksand 99; sand 103.
Con I	" 33	"	"	Jun. 7,1954	2	3	57	"	D	Clay 31;sand 39;white clay 72;blue clay 85;quicksand 92;sand 97.
Con I	" 33	P.Small	Ellacott Well Drl	Jun.10,1954	2	2½	48	"	D	Brown and blue clay 52;sandy clay 75;blue clay hard streaks 106;fine white sand 113.
Con I	" 33	P.Franklin	C.H.Rutledge	Jun.14,1954	4	12	100	"	D	Brown clay 15;brown clay sand 70;hard fine white sand 95;gravel mud 100;blue clay 103;medium sand 113.
Con I	" 33	S.S.Tobias	R.W.Renwick	Jul.10,1954	2	3	50	"	D	Clay sand gravel 40;blue clay 90;fine black sand 102.
Con I	" 33	G.Chandler	F.Harrison	Jul.15,1954	2	3	61	"	D	Brown clay 18;white clay 42;sand 51;blue clay 70;sand 93; quicksand 104;sand 109.
Con I	" 33	D.Sheldrake	R.W.Renwick	Jul.15,1954	2	2	50	"	D	Clay gravel boulders 35;blue clay 85;sand 97;blue clay 98; fine sand 111.
Con I	" 33	C.Boyer	Ellacott Well Drl	Jul.20,1954	2	3	48	"	D	Clay 94;fine quicksand 103;sharp white sand 110.
Con I	" 33	H.J.Rogers	C.H.Rutledge	Aug.10,1954	4	1½	145	"	D	Brown clay sand 40;hard fine white sand 80;blue clay 90; hard muddy sand 122;blue shale 145.
Con I	" 33	J.Mulholland	F.Harrison	Aug.23,1954	2	3	61	"	D	Clay 55;sandy clay 72;blue clay 98;quicksand 109;sand 114.
Con I	" 33	H.Patterson	B.H.Findlay	Aug.23,1954	2	4	100	"	D	Brown clay sand 34;blue clay 118;sand 121;hard blue clay 135; coarse gravel 139.
Con I	" 33	C.Boyer	Ellacott Well Drl	Sep.10,1954	2	4	59	"	D	Brown clay 3;blue clay 96;sandy hardpan 108;fine white sand 114.
Con I	" 33	R.Blackburn	B.H.Findlay	Sep.21,1954	2	2	68	"	D	Brown clay 12;blue clay stones 104;white sand 108.
Con I	" 33	A.McMartin	"	Oct. 6,1954	2	3	92	"	D	Brown clay 13;blue clay stones 82;sandy blue clay 134;fine white sand 138.
Con I	" 33	McKenzie & Seabrook	F.Harrison	Oct. 9,1954	2	3	51	"	D	Clay 28;sand 66;white clay 87;quicksand 93;sand 98.
Con I	" 33	M.Bossinger	B.H.Findlay	Nov.12,1954	2	3½	67	"	D	Brown clay 15;hard blue clay 82;sandy blue clay 104;sand 108.
Con I	" 33	McKenzie & Seabrook	F.Harrison	Nov.16,1954	2	3	48	"	D	Yellow clay 24;sand 42;blue clay 56;sand 78;white clay 83; quicksand 93;sand 98.
Con I	" 33	Fraser	C.H.Rutledge	Dec. 1,1954	4½	2	165	"	D	Dug well 6;brown clay sand 50;fine brown sand 65;dirty blue sand 110;clear sand 135;blue shale 165.
Con I	" 34	School	F.Harrison	Sep.28,1953	2	3	60	"	P	Clay 18;sand 45;blue clay 103;quicksand 111.
Con I	" 34	"	"	Sep.30,1953	2	3	60	"	P	Clay 18;sand 45;blue clay 103;quicksand 111.
Con I	" 34	Upland's Gardens Ltd.	Keswick Well Drl	Nov. 1,1954	4½	33	20	"	T	Black loam 5;gravel 10;blue clay 40;gravel 45;fine grey sand 58; fine brown sand 66;coarse brown sand 87;fine sand grey stones 103.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY-cont. Vaughan Twp.cont. Con I lot 34	Upland's Gardens Ltd.	Keswick Well Drl	Dec. 2, 1954	6					T	Black loam 2; yellow clay 12; yellow clay small stones 19; blue clay 22; coarse gravel 23; dark-grey clay small stones 30; dark-grey clay 35; quicksand 56; hard blue clay 58; boulders. Black loam 2; yellow clay 12; yellow clay small stones 19; blue clay 22; coarse gravel 23; dark-grey clay small stones 30; dark-grey clay 35; quicksand 56; hard blue clay 58; fine brown sand 59; brown sand pebbles 61; fine blue clay 75; cemented gravel 77; hard blue clay 82; fine grey sand 104; fine gravel 114; fine brown sand 116; hard gravel 119; gravel 127.
Con I " 34	"	"	Dec. 18, 1954	6	5	75	72	Fresh	T	Top soil 1; yellow clay 27; blue clay 142; fine black sand 153. Yellow clay 8; sand clay 25; blue clay gravel 35; blue clay gravel boulders 38; blue clay gravel 98; cemented gravel 104; grey hardpan gravel 158; fine gravel sand 161.
Con I " 37	D.W.Glassex	F.Constable	Jul. 18, 1954	4	4	106	63	"	D	Sandy brown clay 18; blue clay 39; hardpan gravel 48; quicksand 51; sand 55.
Con I " 38	W.E.Hall	R.B.Renwick	Mar. 6, 1953	4	5	60	60	"	D	Yellow clay 8; sand clay 17; sand 31.
Con I " 38	E.F.Riddell	B.H.Findlay	Jun. 18, 1953	2	2 1/2		25	"	D	Blue clay 110.
Con I " 38	D.Klassen	F.Harrison	Jul. 28, 1953	2	5	12	12	"	D	Blue clay 105.
Con I " 38	K.F.Cain	R.Halford	Sep. 4, 1953	2	2		50	"	D	Blue clay 55.
Con I " 38	"	"	Sep. 10, 1953	2	1 1/2		55	"	D	Blue clay 55.
Con I " 38	"	"	Sep. 25, 1953	2	2		35	"	D	Brown clay 12; sandy brown clay 34; blue clay 103; fine sand 107; coarse sand 111.
Con I " 38	D.Reid	B.H.Findlay	Oct. 6, 1953	2	3		60	"	D	Brown clay 12; sandy brown clay 36; blue clay 103; coarse gravel 107.
Con I " 38	G.Hislop	"	Oct. 10, 1953	2	4		65	"	D	Brown clay 13; blue clay sand 42; blue clay 94; coarse gravel 98.
Con I " 38	H.Bowyer	"	Oct. 16, 1953	2	2 1/2		41	"	D	Top soil 2; reddish sand 15; blue clay 47; gravel 49; sand clay 54; fine white silt 95; fine white sand 101; coarse sand 104.
Con I " 38	G.Gerstein	"	Oct. 22, 1953	2	4		55	"	D	Brown clay 14; sandy blue clay 43; blue clay 34; fine sand 99; blue clay 131; coarse sand 134.
Con I " 38	C.Twidale	C.E.Snider	Oct. 28, 1953	4	4	40	37	"	D	Top soil 7; reddish sand clay 60; white sand 75; clay 80; black sand 88; sand fine gravel 92.
Con I " 38	V.MacDonald	B.H.Findlay	Nov. 2, 1953	2	2		100	"	D	Black top soil 1; grey and red clay 4; hard grey clay 6; blue clay 7; fine blue sand 7 1/2; brown sand 12; blue clay.
Con I " 38	J.L.Mason	C.E.Snider	Dec. 12, 1953	4	4	65	60	"	D	Sand brown clay boulders 50; blue clay 72; sand gravel 80; blue clay 87; medium sand 98.
Con I " 38	E.Anstey	F.W.Giles	Jan. 22, 1954	2			4	"	D	Clay 51; coarse sand 59; blue clay 60.
Con I " 38	E.Lavender	R.W.Renwick	Apr. 29, 1954	4	2	88	35	"	D	Brown clay 19; blue clay 58; coarse sand 62.
Con I " 38	C.Donorat	Ellacott Well Drl	May 4, 1954	2	2 1/2		34	"	D	Brown clay 14; sand 32; blue clay stones 142; coarse gravel 145.
Con I " 38	G.Gerstein	B.H.Findlay	May 7, 1954	2	3		34	"	D	Fill 3; blue clay 30; fine sand 67; coarse sand 72.
Con I " 38	R.A.Moodie	"	May 16, 1954	2	3		106	"	D	Top soil 1; yellow clay 6; sand 12; blue clay 20; clay sand 40; fine black sand 67; coarse sand 72.
Con I " 38	A.Baird	F.Constable	Jun. 26, 1954	4	7	60	52	"	D	Brown clay 3; blue clay 42; coarse sand 45; blue clay 68; fine coarse sand 76.
Con I " 38	E.W.Hills	"	Jun. 29, 1954	4	3	60	42	"	D	Excavation 8; yellow clay stones 14; blue clay sand 95; blue clay 129; fine black sand 159; fine gravel sand 161.
Con I " 38	C.Donorat	Ellacott Well Drl	Jul. 5, 1954	2	5		43	"	D	Top soil 8; red clay sand 14; blue clay sand 18; silty sand 22; blue clay sand 60; silty sand 84; fine black sand 87; coarse black sand 94.
Con I " 38	W.Draper	C.E.Snider	Aug. 10, 1954	4	3	93	73	"	D	Brown clay 14; sandy brown clay 80; blue clay 118; sharp sand 122.
Con I " 38	P.Sheridan	"	Sep. 2, 1954	4	5	53	47	"	D	Clay 52; fine white sand 63; blue clay 74; coarse white sand 80.
Con I " 38	L.Grainger	B.H.Findlay	Sep. 7, 1954	2	3		78	"	D	Brown clay 16; gravel sand 50; sand 62.
Con I " 38	G.Patterson	Ellacott Well Drl	Sep. 20, 1954	2	5		22	"	D	Top soil clay fill 10; sand boulders 25; blue clay sand pebbles 40; fine sand 41; gummy blue clay 45; sand gravel 67; fine sand 70; coarse sand 80; gravel sand 93; blue clay pebbles 98; sand gravel 112; blue clay 160; grey medium sand 164.
Con I " 38	G.Petit	R.F.Challoner	Sep. 25, 1954	2	7	50	30	"	D	
Con I " 38	S.Goddard	R.W.Renwick	Sep. 28, 1954	2	2		60	"	D	



YORK COUNTY-cont.  
Vaughan Twp.cont.

Con I	lot 38	R.A. Marquis	B.H. Findlay	Oct. 22, 1954	2	4	120	51	Fresh	D	Brown clay 15; blue clay 22; sand 34; blue clay 94; sand 98.
Con I	" 38	F. Mobley	R.P. Challoner	Nov. 30, 1954	2	3		50	"	D	Pit 6; brown sand 66; blue clay 116; quicksand 125; fine sand 130.
Con I	" 39	W. Butters	R.B. Renwick	Apr. 16, 1953	2	3			"	D	Sandy clay 23; blue clay fine gravel 72; fine sand 77; clay.
Con I	" 39	G. Edwards	Ellacott Well Drl	May 10, 1953	2	3		42	"	D	Clay 18; quicksand 26; clay 47; red sand 62; sharp white sand 68.
Con I	" 39	K. Bentley	B.H. Findlay	Jun. 20, 1953	2	1 1/2		41	"	D	Brown clay 12; blue clay 26; brown clay sand 42; blue clay 55; sand 59.
Con I	" 39	W. Barker	R.B. Renwick	Jun. 27, 1953	2	5			"	D	Sandy clay 18; clay sand boulders 22; blue clay gravel 47; hardpan gravel boulders 53; hard grey clay 67; blue clay fine gravel 82; fine sand 87; clay.
Con I	" 39	R. Mitchell	"	Sep. 5, 1953	2	3			"	D	Yellow clay 18; yellow clay sandy gravel 22; blue clay gravel 80; fine clay sand 87; fine grey sand 90.
Con I	" 39	H. Snow	"	Sep. 25, 1953	2	2			"	D	Yellow sand clay 33; till 51; silt 57; fine grey sand 73; gravel 82; yellow clay 95; sand 108.
Con I	" 39	D.P. Reed	"	Oct. 9, 1953	2	3 1/2			"	D	Dark soil 4; grey clay 38; grey clay little sand 57; gravel 61; quicksand 70; gravel sand 86.
Con I	" 39	S. Sandbacka	Ellacott Well Drl	Oct. 10, 1953	2	3		32	"	D	Brown clay 7; sand 17; blue clay 43; sand clay 64; blue clay 73; fine white sand 84.
Con I	" 39	R. Swanson	R.B. Renwick	Oct. 13, 1953	2	3			"	D	Light sandy soil 5; hard blue clay 42; blue clay sand 49; gravel 57; quicksand 62; grey clay 71; gravel 76; sand 89.
Con I	" 39	M. Gall	"	Oct. 21, 1953	2	3			"	D	Silty moist clay 36; silt 59; coarse sand 64; grey clay 72; gravel 74; sand 88.
Con I	" 39	J. Dunn	"	Oct. 31, 1953	2	3			"	D	Hard packed grey clay 39; grey clay sand 48; gravel 50; till 68; grey clay sand 73; sand 82.
Con I	" 39	D. Owen	F. Harrison	Jun. 11, 1954	2	5	22	11	"	D	Clay 18; sand 28.
Con I	" 39	P. Beaudoin	"	Jun. 13, 1954	2	4	14	14	"	D	Clay 16; sand 28.
Con I	" 39	C. Kreutzer	R.P. Challoner	Jun. 16, 1954	2	4	75	45	"	D	Loam 1; blue clay 80; sand 85.
Con I	" 39	"	"	Jun. 28, 1954	2	5	50	25	"	D	Loam 1; brown clay 10; blue clay 55; coarse gravel 60.
Con I	" 39	E. McDonald	B.H. Findlay	Jul. 2, 1954	2	3		51	"	D	Brown clay 21; blue clay 80; fine sand 85; coarse sand 89.
Con I	" 39	B. Ward	F. Harrison	Jul. 5, 1954	2	3	49	49	"	D	Clay 45; sand 80; quicksand 100; sand 104.
Con I	" 39	G. Gerstein	B.H. Findlay	Jul. 9, 1954	2	3		56	"	D	Brown clay 18; brown sand 32; blue clay stones 101; sand 105.
Con I	" 39	O. Reynolds	R.B. Renwick	Jul. 9, 1954	2	3		30	"	D	Top soil 4; yellow clay 42; blue clay sand 53; blue clay 70; blue sand 77.
Con I	" 39	G. Shaw	Ellacott Well Drl	Jul. 15, 1954	2	4		45	"	D	Brown and blue clay 51; white sand 66; clay sand 71; coarse white sand 76; blue clay 77.
Con I	" 39	J. Colangelo	"	Aug. 15, 1954	2	5		52	"	D	Clay 14; coarse sand 19; blue clay 53; fine white sand 70; white clay small sand layers 88; sandy hardpan 90; coarse white sand 97
Con I	" 39	D. Cruickshank	"	Oct. 10, 1954	2	4		40	"	D	Brown clay 17; coarse sand 21; blue clay with thin layers of hardpan 52; fine sand 68.
Con I	" 39	W. Robinson	"	Oct. 31, 1954	2	5		30	"	D	Brown and blue clay 47; fine quicksand 52; coarse sand soft blue clay 70; coarse sand 76.
Con I	" 39	R.H. Edwards	B.H. Findlay	Dec. 2, 1954	2	2		19	"	D	Brown clay 8; sandy blue clay 33; sand 37.
Con I	" 39	Snow Bros.	R.B. Renwick	Dec. 20, 1954	2	3		40	"	D	Top soil 6; yellow clay sand 22; blue clay 38; sand gravel 45; blue clay 72; blue sand 94; coarse blue sand 102.
Con I	" 40	G. Baker	Keswick Well Drl	Feb. 16, 1953	4	1 1/2	86	33	"	D	Sand 15; blue clay 23; gravel 45; blue clay 55; sand 61; blue clay 90; gravel 110.
Con I	" 40	Township of Vaughan	International Water Supply Ltd.	Dec. 10, 1954	5 1/2			45 1/2	"	T	Top soil 2; red clay 10; soft sandy clay 25; fine sand silt clay 55; fine sand silt clay streaks 98; coarse sand silt 112; soft sandy clay 151; grey clay gravel 167; cemented gravel 169; clay coarse broken gravel 175; grey clay 186; grey clay fine gravel sand 218; shale 219.
Con I	" 43	A. Prazer	P.W. Giles	Jan. 15, 1954	2			6	Fresh	D	Black top soil 1; clear clay 6; stony clay 15; blue clay 30; blue sand 32; red sand.
Con I	" 43	Pairway Gdns.	R.B. Renwick	Jun. 23, 1954	2	3		0	"	In	Top soil 4; yellow clay 14; blue clay 72; blue sand 88.
Con I	" 51	W.A. Black	F. Constable	Jun. 18, 1954	4	10	20	10	"	D	Yellow clay stones 12; fine yellow sand 24; fine blue sand 39; fine red sand 49; blue sand stones 55.
Con I	" 56	F. Zavorka	Jefferson Drl.	May 8, 1953	2	4	75	60	"	P	Yellow clay 25; sandy clay 75; sand 90.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY-cont. Vaughan Twp.cont. Con I lot 43	Township of Vaughan	International Water Supply Ltd.	Dec. 1, 1954	5½					T	Top soil 2; grey clay 6; grey clay fine gravel 10; fine sand grey clay 28; grey clay fine gravel 31; fine sand silt 59; grey clay 66; cemented gravel 68; grey clay hard gravel 100; soft clay gravel 107; soft sandy clay thin gravel streaks 120; fine gravel silt clay 132; grey clay gravel 230; clay shale 234; rock.
Con I " 56	R. Meikle	F. Constable	Aug. 21, 1954	4	5½	53	45	Fresh	D	Top soil 1; brown sand 78; coarse black sand 85. Clay 28; gravelly clay 38; fine sand 50; clay 62; quicksand 100; gravel 107. Abandoned.
Con I " 57	P. Powell	Jefferson Drl.	Oct. 3, 1953	2					D	Clay 28; sand 91.
Con I " 57	"	"	Oct. 17, 1953	2	5	91	80	"	D	Yellow clay 120; sand 175.
Con I " 59	P. Day	"	Apr. 14, 1953	2	5	120	120	"	D	Top soil 1; yellow clay 30; yellow clay sand 110; fine sand 138; fine black sand 146.
Con I " 59	D. Henderson	F. Constable	May 18, 1954	4	5	112	96	"	D	Sandy soil 2; yellow clay 40; yellow sand 100; fine yellow sand 152.
Con I " 59	R. Dibb	"	Nov. 27, 1954	4	5	120	100	"	D	Clay gravel 12; bluish clay 40; fine gravel 45½.
Con II " 5	Supertest Petroleum Corp	H. Blakely	Jan. 1, 1953	6	20	22	12	"	C	
Con II " 6	M. Midenoff	F. Constable	Aug. 27, 1954	4	12	75	55	"	D	Top soil 1; yellow clay 20; blue clay 45; yellow clay 78; blue sand 85.
Con II " 7	R. Hedges	Jefferson Drl.	Oct. 1, 1954	2	5	30	30	"	D	Clay 115; clay gravel 130; coarse gravel 135.
Con II " 28	Mayber/Fugler	R.W. Renwick	Aug. 5, 1954	4	2½	80	25	"	D	Brown sandy clay boulders 35; blue clay 75; sand gravel 88; brown sand 103.
Con II " 29	Maple Downs Golf/Country Club	B. Huffman & Son	Nov. 17, 1954	6				"	P	Brown clay 35; blue clay 90; silt 310. Dry hole.
Con II " 29	"	"	Dec. 18, 1954	6	5	75	45	"	P	Brown clay 18; brown sand 30; blue clay 89; fine gravel 99.
Con III " 4	Robinson Clay Product Co.	T.H. Rutledge	Sep. 28, 1953	4	3		72	"	In	Brown clay 20; blue clay 30; hardpan 70; blue clay 118; hard blue sand little clay 180; blue shale 213.
Con III " 6	J.A. McGinnis	H.C. Blakely	May 1, 1953	4	3	20	20	"	D	Old well 22; blue clay 25; grey sand 26; blue clay 42; silty grey sand 45; blue clay 100; grey shale 101; blue clay 110; silty grey sand 120.
Con III " 6	School S. #7	C.E. Snider	Nov. 19, 1954	6½	5	80	65	"	P	Top soil 2; yellow clay sand 32; blue clay 127; silty sand 137; sandy hardpan 155; fine sand 158; coarse sand 163.
Con III " 10	T.M. Baker	R.B. Renwick	Aug. 7, 1954	2	3	35	25	"	D	Top soil 2; yellow clay 15; large stones gravel 17; blue clay 39; stones gravel 41; blue sand 45.
Con III " 18	H. Constable	F. Constable	Jul. 15, 1953	2	3	40	12	"	D	Top soil 2; yellow clay 14; coarse sand 48; blue clay 55; gravel 62.
Con III " 19	F. Oliver	"	Oct. 25, 1953	3	3	35	8	"	D	Top soil 1; sandy loam 15; blue clay 37; fine sand 53; coarse sand 62.
Con III " 20	Township of Vaughan	"	Aug. 19, 1954	4	1		0	"	P	Top soil 2; yellow clay stones 20; blue clay stones 46.
Con III " 20	L. Laver	"	Nov. 18, 1954	4	3			"	D	Top soil 1; clay 32; fine sand 60.
Con III " 20	Agincourt Const	"	Nov. 26, 1954	4	1			"	D	Top soil 1; clay 18; fine sand 35.
Con III " 21	W. Jouyce	"	Mar. 18, 1954	3	4	Flows	"	"	D	Top soil 1; sand 28; coarse sand 30.
Con III " 21	Superior Propane Ltd.	"	Apr. 9, 1954	6				"	T	Top soil 1; fine sand 100.
Con III " 21	Shur-Gain Mill	"	Jun. 14, 1954	4	10	11	1	"	T	Blue clay stones 20; blue sand clay 40.
Con III " 21	D. Jarrett	"	Sep. 2, 1954	4				"	D	Top soil 1; clay 9; gravelly clay 24; coarse sand 30.
Con III " 21	L. Downing	"	Nov. 5, 1954	4	2	"	"	"	D	Pill 3; clay 18; fine sand 35.
Con III " 23	D. Ough	"	Aug. 9, 1954	2	3		20	"	D	Yellow clay stones 45; yellow sand 52.
Con III " 23	G. Ingram	"	Sep. 10, 1954	4	10	18	14	"	D	Top soil 1; fine sand 11; blue clay gravel 81; coarse sand 87.
Con III " 25	Chefer to/Sons	"	Feb. 9, 1953	4	5	130	99	"	D	Fine sand 10; coarse sand 139.
Con III " 30	W. Crook	"	Aug. 2, 1954	4	8	140	120	"	D	Top soil 2; blue clay 25; yellow sand 27; blue clay sand stones 67; blue clay stones 90; blue clay 164; blue sand 176.

YORK COUNTY-cont.  
Vaughan Twp.cont.

Con IV	lot 20	P.McFarlane	C.E.Snider	Dec.23,1953	4	6	100	85	Fresh	D,S	Top soil 12;clay boulders 15;blue sand gravel 77;hard layers sand 79;coarse sand 85;blue clay gravel 98;hard sand 123; blue clay gravel 175;coarse sand 185;silt sand 191;hard layer sand gravel 192;fine gravel 197.
Con IV	" 20	P.Line	F.Constable	Aug.20,1954	4		38	2	"	D	Dug well 26;blue clay 39;blue sand 40.
Con IV	" 20	J.Holmes	"	Sep.21,1954	4				"	D	Top soil 1;sand 22;blue clay 250. Dry hole.
Con IV	" 22	Maple Commu- ity Centre	"	Mar.26,1954	4	1 1/2			Flows	D	Fill 3;clay 18;sand 34.
Con IV	" 25	M.Hore	"	Aug. 7,1954	4	5	40	20	"	D	Yellow clay 45;yellow sand 55;blue sand 75.
Con IV	" 25	E.Carson	"	Dec.14,1954	4	8	46	33	"	D	Fill 3;clay 42;fine sand 73;coarse sand 78.
Con IV	" 27	A.Dymond	"	Dec.12,1953	4	10	22	18	"	D	Dark clay soil 2;yellow clay few pebbles 25;blue clay little sand 32;fine blue sand 36;blue clay 76;blue medium sand 92.
Con IV	" 30	F.Kirby	"	Aug.26,1954	2	3		60	"	D	Dug well 40;blue clay 60;blue sand 70.
Con V	" 3	V.Demelis	T.H.Rutledge	Mar. 1,1953	5	5	30	72	"	D	Dug well 40;blue clay 110;sandy hardpan 142;gravel 146.
Con V	" 4	Rainbow Theatre Chain	Brodie & Dennis	Apr.13,1954	6 1/2	30	180	18	"	P	Clay 15;fine sand silt 92;white clay 136;quicksand silt 180.
Con V	" 4	Rainbow Devel- opments Ltd.	C.E.Snider	Jul. 5,1954	6 1/2	3	22	10	"	P	Yellow sand clay stones 12;blue clay sand 24;gravel 26;sand thin layers of clay 29.
Con V	" 20	E.McKinnon	F.Constable	Jun.16,1953	4	10	85	65	"	D,S	Dark clay soil 2;blue clay 40;yellow sand 78;brown clay few pebbles 235;grey clay pebbles 277;coarse blue sand 285.
Con VI	" 9	J.C.Alt	M.Babiuk	Sep.17,1954	24						Brown clay pebbles 35;brown sand 36;brown clay 40;grey clay pebbles 45;brown clay 55;brown sand 75. Dry hole.
Con VI	" 22	Dr.Laird	F.Constable	Feb.18,1954	4	5	30	20	Fresh	D	Blue clay 20;blue clay sand 30;coarse blue sand 44 1/2.
Con VI	" 31	W.Burbidge	"	Dec.20,1954	4	3	80	60	"	D	Top soil 3;yellow clay 20;blue clay 84;blue sand 90.
Con VII	" 1	G.Tazzard	H.C.Blakely	Mar.25,1953	6			11	"	D	Dug well 28;gravel blue clay 90;grey shale 93;blue clay 105; coarse grey sand 107.
Con VII	" 1	"	C.E.Snider	Jun.11,1953	6	4	73	60	"	Ir,D	Top soil 2;blue clay running sand 30;blue clay stones 104; gravel 105;fine sand gravel 106;cemented gravel 110;gravel 116;shale.
Con VII	" 5	M.N.Snider	J.N.Snider	Apr.14,1954	4 1/2	30	66	60	"	D,C	Top soil 8;sand silt 122;medium sand 134.
Con VII	" 13	L.Pengelly	C.H.Rutledge	Jan.19,1954	4 1/2		116	48	Salt	D	Dug well 30;soft blue clay 73;blue shale 116.
Con VII	" 15	J.Barber	F.Constable	Apr.26,1954	4	3	63	53	Fresh	D	Brown clay 12;yellow clay sand 53;yellow sand stones 68;blue sand stones 73.
Con VII	" 16	L.Durham	"	Jul.13,1953	4	4	120	95	Salt		Brown clay 2;yellow sand 12;yellow clay 27;blue clay 43;yellow sand 60;blue clay 74;blue sand 89;blue clay 120;shaly rock 175. Abandoned.
Con VII	" 22	J.McRuer	"	Apr.15,1954	4						Yellow clay little sand 59;blue clay 70;fine blue sand 75; blue clay 110;blue clay little sand 125;blue clay 235;blue clay sand little stones 245;blue clay little stones 265;soft blue rock 290. Dry hole.
Con VII	" 26	C.Jenson	"	Dec. 3,1953	4	8	87	57	Fresh	D,S	Dark soil 1;yellow clay 26;yellow clay little sand 67;blue clay stones 71;blue sand 76;blue sand clay stone 102;blue clay 182; blue sand clay 185;fine blue sand 197.
Con VIII	" 2	T.Standish	C.E.Snider	Mar.11,1953	6	2	68	65	"	D	Top soil 2;yellowish clay sand 18;cemented gravel 22;boulders 26;yellow clay stone 55;hard grey sand 65;grey sand gravel 60; white silty sand.
Con VIII	" 3	J.Johnson	"	Mar. 9,1954	4	2	32	25	"	D	Top soil 1;yellowish clay 12;blue clay 20;blue fine sand 32; fine gravel sand 38;blue shale.
Con VIII	" 5	C.H.Hoover	"	Jan. 5,1953	6					T	Top soil 2;sandy red soil 10;blue clay 45;blue shale 47.
Con VIII	" 5	"	"	Jan. 7,1953	6					T	Top soil 2;reddish sandy clay 5;blue clay stones 38;fine silty sand 40;sand stones 45;blue clay 50;sand 55;shale 58.
Con VIII	" 5	"	"	Jan.15,1953	6					T	Top soil 4;reddish sandy clay 16;blue clay 30;blue clay sand 52;gravel 53;blue clay 60;shale 70.
Con VIII	" 5	"	"	Jan.22,1953	6					T	Top soil 1;yellowish sand clay 12;blue clay stones 56;gravel 57;blue clay 60;shale 65.
Con VIII	" 5	C.E.Snider	"	Jan.27,1953	6	5	44	32	Fresh	D	Top soil 2;yellowish sand clay 10;blue clay stones 42;boulders gravel 52;coarse gravel 60.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY-cont. Vaughan Twp.cont. Con VIII lot 5	C.E.Snider	C.E.Snider	Feb. 6, 1953	6						Top soil 1; yellowish clay 12; blue clay boulders 24; blue clay 40; gravel boulders 45; blue clay 52; gravel 61; shale 62. Abandoned.
Con VIII " 5	"	"	Feb. 18, 1953	6						Top soil 1; yellowish clay 12; blue clay stone 40; blue clay boulders 50; fine sand clay 52; fine packed sand gravel 60; shale. Abandoned.
Con VIII " 5	"	"	Feb. 26, 1953	6	4		32	Fresh		Top soil 2; yellowish clay 12; boulder clay 35; blue clay 39; blue clay gravel 46; gravel clay 48; gravel 54; shale. Abandoned.
Con VIII " 5	"	"	Mar. 6, 1953	6	10	42	30	"	D	Top soil 2; yellowish clay 12; boulders clay 17; gravel 18; blue clay stones 45; blue clay gravel 55; sand stone 60; gravel sand 64.
Con VIII " 15	J.E.Burns	B.Huffman & Sons	Sep. 25, 1953	5	4	131	96	Salt		Yellow clay 22; blue clay 47; stony blue clay 107; blue shale. 131. Abandoned.
Con VIII " 15	G.Snelgrove	M.Babiuk	Oct. 1, 1953	24			30	Fresh	D	Blue clay sandy soil 17; grey clay few pebbles 45; grey clay sand layers 50.
Con VIII " 15	J.E.Burns	B.Huffman & Sons	Oct. 5, 1953	5						Yellow clay 14; blue clay 52; stony blue clay 87; blue shale. Dry hole.
Con VIII " 15	"	"	Oct. 13, 1953	5						Yellow clay 16; blue clay 45; stony blue clay 91; blue shale. Dry hole.
Con VIII " 15	"	"	Oct. 21, 1953	5	4	66	26	Salt	D	Yellow clay 31; yellow sand 35; blue clay 66; blue shale.
Con VIII " 15	"	"	Oct. 23, 1953	5	4	29	20	Fresh	D	Yellow clay 31; yellow sand 35.
Con VIII " 15	H.Doolittle	F.Constable	Oct. 28, 1954	4	8	118	110	Salt	D	Top soil 1; gravel clay 40; blue clay 130; fine brown sand 145; black sand 150.
Con VIII " 16	D.MacCallum	C.H.Rutledge	Feb. 10, 1954	5	5	100	75	Fresh	D,S	Top soil 2; brown clay 20; blue clay 105; soft blue clay small stones 145; hardpan fine sand 150; blue shale 175.
Con VIII " 20	H.Marvin	C.E.Snider	Jun. 26, 1954	4			108	"		Dug well 24; blue clay boulders 85; blue clay sand 132; fine silt sand 135; fine gravel clay 138; blue clay sand 148; shale. Abandoned.
Con VIII " 20	"	"	Jun. 28, 1954	4						Top soil 2; yellow clay sand 10; blue clay stones 90; blue clay some sand 145; shale 148. Abandoned.
Con VIII " 20	"	"	Aug. 21, 1954	4			90	Fresh		Top soil 2; yellow clay sand 10; blue clay stones 100; boulders clay 115; blue clay 130; coarse black sand clay layers silt 137; grey clay sand 145; shale. Abandoned.
Con VIII " 20	"	"	Aug. 24, 1954	4	2	69	66	"	D	Top soil 1; yellow clay stone 10; boulders clay 27; reddish quicksand 42; blue clay stone 56; blue clay sand 63; boulders 65; cemented gravel 74; blue clay sand 81; fine gravel clay 83; blue and grey clay sand 84.
Con VIII " 24	VanHaastrecht	M.Babiuk	Jul. 31, 1953	24			16	"	D	Brown clay 10; blue clay 24.
Con VIII " 24	N.S.Elliott	"	Nov. 3, 1953	24			25	"	D	Brown clay little sand 18; grey clay pebbles 49; fine grey sand 50.
Con VIII " 24	R.McMichael	C.E.Snider	May 18, 1954	4						Top soil 1; yellowish clay 50; yellowish clay boulders 54; yellow sand 56; yellow clay layers 58; yellow sand 87; blue clay 112. Dry hole.
Con VIII " 24	"	"	May 18, 1954	4						Top soil 1; yellowish clay boulders 50; yellow clay sand 87; blue clay 120; hardpan 150; blue shale 155. Dry hole.
Con VIII " 30	L.P.Allan	B.Huffman & Sons	May 18, 1954	4						Fill 6; top soil 7; yellow clay sand 83; blue clay 107. Dry hole.
Con VIII " 30	P.Barker	M.Babiuk	Dec. 16, 1954	5						Brown clay 27; blue clay 117; silt 170; Dry hole.
Con IX " 2	"	"	Sep. 2, 1954	24	20	55	54	Fresh	D,S	Brown clay 12; grey and blue clay 54; coarse gravel 59; red clay 60.
Con IX " 3	A.Burbidge	C.E.Snider	Nov. 26, 1954	4	8	34	30	"	D	Top soil 1; yellow clay stones 20; yellow sand gravel 30; clay sand layers 42; blue clay 48; sand gravel 50.
Con X " 21	K.Rayfield	C.E.Snider	Apr. 5, 1954	4	1	35	15	"	D	Top soil 2; yellowish clay sand 15; blue clay sand 40; blue clay 84; cemented gravel 86; loose silty gravel 88; blue shale 93.

YORK COUNTY-cont.  
Vaughan Twp.cont.  
Con IX lot 32

L.Stauton

International  
Water Supply Ltd

Mar.16,1954

4

43

2½

Flows

Fresh

D

Top soil 1;brown clay 3;fine silty sand small clay streaks 44;soft clay streaks of silty sand 60;fine silty sand clay 84;sand silt clay 99;fine silty sand clay 151;fine silty sand fine gravel clay 168;fine sand fine gravel streaks 192;boulders sand gravel clay streaks 203.

Whitchurch Twp.

Con I lot 61

I.Bracey

Jefferson Drl.

Jun.22,1953

2

4

126

125

Fresh

D

Clay 30;sand 147.

Con I " 61

S.Taylor

"

Jul.17,1953

2

5

124

124

"

D

Clay 5;sand 159.

Con I " 61

S.Beaven

"

Jul.21,1953

2

5

133

133

"

D

Clay 20;sand 123;clay 133;sand 154.

Con I " 61

J.Bracey

R.W.Renwick

Mar. 8,1954

2

3

20

20

"

D

Brown sand clay 45;brown medium sand 108;light-brown sand some grey sand 120.

Con I " 61

A.Young

Jefferson Drl.

Mar.15,1954

2

5

121

121

"

D

Clay 20;sand 161.

Con I " 61

E.Dawson

"

Jun. 8,1954

2

5

137

128

"

D

Sand 137.

Con I " 61

N.Knight

"

Sep. 7,1954

2

5

161

130

"

D

Clay 30;sand 161.

Con I " 64

Hanson

Richmond Hill Well Drillers

Aug.18,1954

4

4½

86

34

"

D

Top soil 3;fine sand 42;clay 45;silty clay 96;clay 122;sand 147.

Con I " 69

F.Symondes

Jefferson Drl.

Jan.22,1953

2

4½

68

68

"

D

Gravelly clay 85;sand 90.

Con I " 74

W.E.Gill

F.Constable

Aug.28,1953

4

3

37

22

"

D

Brown top soil 1;yellow clay 16;blue clay 62;fine sand 67; fine blue sand 79.

Con I " 78

E.Offenheim

"

Nov.12,1954

4

15

70

15

"

D

Top soil 3;brown sand 20;blue clay 148;yellow sand 160;blue clay 200;fine sand 212.

Con I " 87

W.D.Booth

B.Huffman & Sons

Jun.22,1954

5

12

61

56

"

D,S

Yellow clay 30;brown sand 40;hard blue clay 85;boulders 95; hard stony blue clay 185;boulders stony blue clay 219;hard stony blue clay 265;soft clear blue clay 299;blue quicksand 345;coarse sand 350;coarse gravel 353.

Con II " 18

E.Offenheim

F.Constable

Oct. 7,1953

4

6

65

15

"

D

Brown top soil 2;yellow clay 10;yellow sand 14;blue clay 99; blue clay little sand 112;blue clay little stone 140;blue clay 159;blue sand 167;blue clay little sand stones 192; fine blue sand 205.

Con II " 18

"

"

Oct.23,1953

4

6

65

25

"

S

Brown top soil 2;yellow clay 10;yellow sand 12;blue clay 90; blue sand little stones 93;blue clay little stones 126;blue sand 130;blue clay stones 141;blue sand 145;blue clay little stones sand 167;fine blue sand 175.

Con II " 18

"

"

Nov.10,1953

4

6

118

78

"

S

Brown top soil 1;yellow sand 65;blue clay 150;blue clay little stones 165;fine sand 168;blue clay sand little stones 172; blue clay 215;fine blue sand 221.

Con II " 34

D.Adams

F.Hollingshead

Jun.22,1953

2

4

18

6

"

D

Top soil 2;gravel 32.

Con III " 1

Church

G.Pockler

May 28,1953

2

3

60

60

"

P

Sand red clay 8;fine grey sand 60;coarse grey sand 70.

Con III " 5

D.Heburn

D.Graham

Jan.24,1953

2

2

85

85

"

D

Clay 60;sand 100.

Con III " 28

W.Williams

W.Gartshore

Jan.21,1953

2

6

65

65

"

D,S

Hard clay small stones 50;gravel 54;blue clay 70;sand.

Con IV " 11

W.Shields

D.Graham

Mar.12,1953

2

3

75

75

"

D

Grey clay 20;grey sand 85.

Con IV " 11

"

"

Apr.10,1953

2

2

97

97

"

D

Blue clay stones 30;grey sand 112.

Con IV " 11

"

"

Apr.30,1953

2

2

90

90

"

"

Grey clay 40;grey sand 90;silty grey quicksand 125. Abandoned.

Con IV " 26

A.Baxter

W.Gartshore

Sep.17,1953

2

7

39

39

"

D,S

Reddish clay 22;layers of grey clay and grey quicksand 130; very hard stony grey clay 225;reddish sand with fine gravel 230.

Con IV " 27

L.H.Clark

"

Oct. 5,1953

2

50

50

"

D,S

Previously drilled 138;very hard and stony 161;gravel 163; medium clay some stones 198;sand 203.

Con IV " 30

L.Cody

"

Sep. 2,1953

2

6

40

40

"

D

Reddish clay 20;grey clay 137;reddish sand 142.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY-cont. Whitnurch Twp. cont.										
Con V lot 1	H. Clending	G. Pockler	Dec. 22, 1953	2			Flows	Fresh	D, S	Dug well 24; blue clay 44; sand 46.
Con VI " 4	C. Ramsey	"	Sep. 2, 1954	2			"	"	D	Blue clay stones 50; soft clay 56; gravel 60.
Con VI " 6	E. Hastings	"	Jul. 24, 1954	2			"	"	D	Blue clay stones 57; coarse gravel 58.
Con VI " 12	J. Rae	"	Jan. 9, 1953	2	3	111	106	"	D, S	Red clay 6; grey sand gravel clay 112; grey gravel 117.
Con VI " 17	T. Kerr	D. Graham	Jul. 23, 1953	2	4	55	55	"	D	Sand 65.
Con VI " 20	H. Jeffers	"	Jul. 14, 1954	2	4	65	65	"	D	Sand 75.
Con VI " 21	J. R. Watson	"	Jul. 7, 1954	2	4	35	35	"	D	Sand 45.
Con VI " 21	I. Law	"	Aug. 4, 1954	2	3	59	59	"	D	Sand 65.
Con VI " 25	R. R. Smith	"	Jun. 10, 1953	2	2 1/2	83	83	"	D	Sand 98.
Con VI " 30	Mrs. Newton	"	Jul. 15, 1953	2	4	80	80	"	D	Grey sand 85.
Con VI " 31	G. N. Moore	"	Jun. 15, 1954	2	3	35	35	"	D	Sand 45.
Con VII " 5	J. E. Allen	"	Sep. 16, 1954	2			Flows	"	D	Clay 40; gravel 45.
Con VII " 6	R. Fairbanks	C. E. Snider	Aug. 3, 1954	4	15	Flows	"	"	D	Top soil 2; yellowish clay sand 5; blue clay sand 18; gravel 21; stones clay sand 40; boulders 43; fine sand clay 44; boulders clay 55; fine gravel 70; boulders clay 120.
Con VII " 6	"	"	Aug. 3, 1954	6	5	Flows	Flows	"	D	Top soil 2; yellow clay sand 12; blue clay stone 57; fine sand 65; coarse sand with clay layers 79; clay sand 90; sand 95; hardpan 100.
Con VII " 15	E. Pegg	D. Graham	Feb. 17, 1954	2	2	70	70	"	D	Clay 70; sand 80.
Con VII " 18	W. A. Wait	"	Jul. 7, 1954	2	3	37	37	"	D	Sand 45.
Con VII " 20	L. Urquhart	"	Apr. 24, 1954	2	4	45	45	"	D	Sand 55.
Con VII " 21	H. Grand	"	Aug. 4, 1953	2	3	23	23	"	D	Sand 35.
Con VII " 24	W. Hood	"	Oct. 20, 1954	2	3	85	85	"	D	Sand 115.
Con VII " 26	N. Rowan	"	Dec. 13, 1954	2	4	17	17	"	D	Sand 27.
Con VIII " 5	E. Abraham	G. Pockler	Feb. 3, 1954	2			8	"	D	Dug well 21; blue clay 48; sand gravel 49.
Con VIII " 5	D. Davies	"	Aug. 12, 1954	2			Flows	"	D	Clay stones 40; blue clay 65; fine sand 70; coarse sand 75.
Con VIII " 5	C. Bell	G. Pockler	Aug. 31, 1954	2			"	"	D	Clay stones 40; blue clay 65; fine sand 71; coarse sand 76.
Con VIII " 16	A. Keeso	"	Feb. 13, 1954	2	3	50	48	"	D	Sand 14; clay 54; sand 57.
Con VIII " 16	C. H. Regan	D. Graham	May 7, 1954	2	4	70	70	"	D	Clay 75; sand 80.
Con VIII " 16	F. Costigan	"	May 22, 1954	2	4	65	65	"	D	Clay 65; sand 75.
Con VIII " 16	J. Jeffery	"	May 28, 1954	2	4	63	63	"	D	Clay 40; sand 73.
Con VIII " 19	S. James	"	Jul. 21, 1954	2	4	30	30	"	D	Sand 40.
Con VIII " 21	A. McLennan	F. R. Roadway	Mar. 30, 1953	4 1/2	5	30	28	"	D	Hard sand gravel 28; sand gravel 45.
Con VIII " 21	School S. #11	"	Apr. 5, 1953	4 1/2	5	30	28	"	P	Hard sand gravel 28; sand gravel 45.
Con VIII " 21	A. McLennan	"	May 25, 1954	5 1/2	25	35	30	"	P	Hard sand stones 30; coarse sand gravel 56.
Con VIII " 31	School S. #5	G. Pockler	Jul. 17, 1954	2	3	46	25	"	P	Fine sand 20; blue clay sand 50; fine sand 61; medium sand 71.
Con IX " 7	W. Ferguson	"	Mar. 31, 1954	2			Flows	"	D	Blue clay stones 30; blue clay 66; sand 68 1/2.
Con IX " 12	Western Sand & Gravel Ltd.	C. Goodberry	Mar. 5, 1953	6	10	100	90	"	C	Sand little gravel 240.
Con IX " 16	S. Fronske	D. Graham	Jun. 17, 1953	2	4	55	55	"	D	Grey clay 60; sand 65.
Con IX " 16	C. W. Dunford	"	May 15, 1954	2	5	67	67	"	D	Clay stones 70; sand 77.
Con IX " 16	N. Didyk	"	Jul. 30, 1954	2	3	85	85	"	D	Clay stones 50; sand 95.
Con IX " 17	G. Villmere	F. R. Roadway	Oct. 17, 1953	5 1/2	5	31	29	"	P	Hard sand clay 30; sand gravel 49.
Con X " 7	N. Tustin	F. Constable	Oct. 27, 1954	4	10	70	35	"	D	Top soil 4; yellow clay 40; blue clay pebbles 90; coarse gravel 130
Woodbridge	Village of Woodbridge	C. E. Snider	Jul. 11, 1953	6 1/2					T	Top soil gravel fill 8; gravel 20; free running gravel 30; dirty cemented gravel 57; shale.
Woodbridge	"	"	Jul. 18, 1953	6 1/2					T	Top soil 2; greyish clay sand 10; thin layer of gravel 12; clay gravel 57; shale.
Woodbridge York Twp.	A. Maynard	H. C. Blakely	Nov. 29, 1953	4	10	8	8	Fresh	P	Dug well 10; gravel 20.
Con V lot 3	Wintrob & Sons	C. E. Snider	Jun. 8, 1953	6 1/2	20	120	30	Salt	C	Yellowish top soil 3; yellowish sand/gravel 50; blue clay stones 75; blue shale 202.

# FOOTNOTES TO APPENDIX C

## Location

The following abbreviations are used to designate concessions and locations of wells:

A.B.	Ardross Block	Div.	Division
A.R.R.W.	Addington Road Range West	D.L.	Desbarats Location
A.S.	Aux Sable	D.R.N.	Durham Road North
B.B.	Brant's Block	D.R.S.	Durham Road South
B.B.F.	Beasley's Broken Front	D.S.S.	Dundas Street South
B.C. Goderich Tp.	Bayfield Concession	D.T.	Dochtstader Tract
B.C. Howard Tp.	Block Concession	E.	East
B.F.	Broken Front	E.B.	Eastern Boundary
B.I.	Big Island	E.D.	Eastern Division
B.L.B.	Beasley's Lower Block	E.E.	East End
B.L.N.	Base Line North	E.F.B.	East Front B
B.L.S.	Base Line South	E.G.	East Gore
B.N.S.	Beasley's New Survey	E.L.S.S.	East Lake South Side
B.O.S.	Beasley's Old Survey	E.R. Cape Croker Indian Reserve	East of Road
B.R.E. (Albemarle Tp.	Bury Road East	E.R. Etobicoke Tp.	Etobicoke River
B.R.E. (Eastnor Tp.		E.R. Oneida Tp.	East Range
B.R.E. (Lindsay Tp.		E.R.N. (Adelaide Tp.	Agremont Road North
B.R.E. (St.Edmunds Tp.		E.R.N. (Warwick Tp.	
B.R.E. Dover Tp.	Baldoon Road East	E.R.N. Wilmot Tp.	Erb Road North
B.R.E. Rochester Tp.	Belle River East	E.R.N. Yarmouth Tp.	Edgeware Road North
B.R.W. (Albemarle Tp.	Bury Road West	E.R.S.	Egremont Road South
B.R.W. (Eastnor Tp.		E.S. Southwold Tp.	East Side
B.R.W. (St.Edmunds Tp.		E.S. Wellesly Tp.	East Section
B.R.W. Dover Tp.	Baldoon Road West	E.T.	Earl Tract
B.R.W. Maidstone Tp.	Belle River West	F.C.	Front Concession
B.T.	Bechtel's Tract	F.C.T.	Fish Carrier Tract
B.U.B.	Beasley's Upper Block	F.K.T.	Formerly Kingston Township
C.B.	Clergy Block	F.R.	Front Range
C.F.	Canborough Front	F.T.	Fredenburg Tract
C.G.	Caldwell Grant	G.C.T.	German Company Tract
C.I.	Cedar Island	G.I.	Gates Island
C.I.R.	Credit Indian Reserve	G.I.F.	Grand Island Front
C.P.L.	Carrying Place Lots	G.P.S.W.	Green Point Southwest
C.P.N.W.	Carrying Place Northwest	G.P.W.	Green Point West
C.R.E. Harwich Tp.	Communication Road East	G.R.E. (Glenslg Tp.	Garafraxa Road East
C.R.E. Pittsburgh Tp.	Cataragui River East	G.R.E. (Holland Tp.	
C.R.E. Smith Tp.	Chemung Road East	G.R.E. (Pilkington Tp.	Grand River East
C.R.W. Harwich Tp.	Communication Road West	G.R.E. (South Dumfries Tp.	
C.R.W. Kingston Tp.	Cataragui River West	G.R.E.S.	Grand River East Subdivision
C.R.W. Smith Tp.	Chemund Road West	G.R.F.	Grand River Front
C.R.W. West Williams Tp.	Centre Road West	G.R.R.	Gull River Range
C.T.	Clench Tract		
C.T.	Clement Tract		



G.R.W. Bentick Tp.  
 Normanby Tp.  
 G.R.W. Pilkington Tp.  
 G.R.W.S.  
 E.B.E.  
 H.I.  
 H.L.  
 H.R.E.  
 H.R.F.  
 H.R.S.  
 H.R.W.  
 H.S.E.  
 H.S.W.  
 H.T.  
 I.S.  
 J.R.  
 J.W.T.  
 K.R.N.  
 K.T.  
 L.E.F.  
 L.F.  
 L.H.F.  
 L.I.  
 L.O.F.  
 L.R. { Bruce Tp.  
 Huron Tp.  
 Saugeen Tp.  
 L.R. Hay Tp.  
 Stephen Tp.  
 L.R.E. Bosanquet Tp.  
 L.R.E. Colborne Tp.  
 L.R.N.  
 L.R.S.  
 L.R.W. { Bosanquet Tp.  
 Stanley Tp.  
 L.R.W. Colborne Tp.  
 L.T.  
 M.C.  
 M.L.E.  
 M.M.E.  
 M.P.R.E.  
 M.P.R.W.  
 M.R.  
 M.R.N. (Colchester Tp.  
 Maidstone Tp.  
 M.R.N. { Rochester Tp.  
 Tilbury East Tp.  
 M.R.S. Colchester North Tp.  
 M.R.S. Maidstone Tp.

Garafraxa Road West  
 Grand River West  
 Grand River West Subdivision  
 Hallowell Bay East  
 Hill Island  
 Hink's Location  
 Hastings Road East  
 Huron Road Front  
 Hamilton Road South  
 Hastings Road West  
 Hurontario Street East  
 Hurontario Street West  
 Haldimand Tract  
 Indian Strip  
 Jones Range  
 James Wilson Tract  
 Kaministiquia River North  
 Kerr Tract  
 Lake Erie Front  
 Lake Front  
 Lake Huron Front  
 Long Island  
 Lake Ontario Front  
 Lake Range  
 Lake Road  
 Lake Road East  
 Lakeshore Road East  
 Longwoods Road North  
 Longwoods Road South  
 Lake Road West  
 Lakeshore Road West  
 Lovejoy Tract  
 Maitland Concession  
 Muskrat Lake East  
 Mowhawk Mission East  
 Mount Pleasant Road East  
 Mount Pleasant Road West  
 Military Reserve  
 Malden Road North  
 Middle Road North  
 Malden Road South  
 Middle Road South

M.S.B.  
 M.T. Brantford Tp.  
 M.T. Hallowell Tp.  
 N.B.  
 N.C.  
 N.D.  
 NE.B.  
 NE.R.  
 N.F.L.C.S.  
 N.R. Pittsburgh Tp.  
 N.R. Tyendinaga Tp.  
 N.R.F.  
 N.S. King Tp.  
 N.S. Southwold Tp.  
 N.T.  
 N.T.P.  
 N.T.R.  
 NW.B.R.  
 O.F.  
 O.R.N.  
 O.S.  
 O.S.R.E.  
 O.S.R.W.  
 P.C.  
 P.E.B. (A)  
 P.R.  
 P.R.E. Oro Tp.  
 P.R.E. Seneca Tp.  
 P.R.S.  
 P.R.W. Seneca Tp.  
 P.R.W. Tiny Tp.  
 P.T.  
 R.A.  
 R.B.  
 R.F.  
 R.P.  
 R.R.  
 R.R.N. Charlottenburgh Tp.  
 R.R.N. Dunn Tp.  
 R.R.S. Charlottenburgh Tp.  
 R.R.S. Dunn Tp.  
 R.T.  
 S.B.  
 S.B.F.  
 S.B.N.  
 S.C.R.NW.  
 S.C.R.S.  
 S.D.  
 S.I. Elizabethtown Tp.

Miles Square Block  
 Mair Tract  
 Military Tract  
 North Boundary  
 Neeshish Concession  
 Northern Division  
 Northeast Boundary  
 Northeast Range  
 Niagara Fruit & Land Co. Survey  
 Naval Reserve  
 North of Road  
 Niagara River Front  
 New Survey  
 North Side  
 Nelles Tract  
 North of Town Plot  
 North Talbot Road  
 Northwest Bay Range  
 Ottawa Front  
 Opeongo Road North  
 Old Survey  
 Owen Sound Road East  
 Owen Sound Road West  
 Petite Cote  
 Prince Edward Bay (Around)  
 Plank Road  
 Penetanguishene Road East  
 Plank Road East  
 Portage Road South  
 Plank Road West  
 Penetanguishene Road West  
 Phelps Tract  
 Range A.  
 Range B.  
 Rideau Front  
 Registered Plan  
 River Range  
 Raisin River North  
 Rainham Road North  
 Raisin River South  
 Rainham Road South  
 Racey Tract  
 South Boundary  
 South Bay Front  
 Smith Bay North  
 Stoney Creek Road Northwest  
 Stoney Creek Road South  
 Southern Division  
 Stovin Island

S.I. Wolfe Island Tp  
S.L.R.N.  
S.R.  
S.R.E. (Artemesia Tp.  
(Holland Tp.  
(Melancthon Tp.  
S.R.E. Sunnidale Tp.  
S.R.S.  
S.R.T.  
S.R.W.  
S.S.  
S.W.R.  
T.R.  
T.R.E.B.  
(Bayham Tp.  
(Gosfield North Tp  
(Howard Tp.  
(Maidstone Tp.  
(Malahide Tp.  
T.R.N. Mersea Tp.  
(Middleton Tp.  
(North Cayuga Tp.  
(Orford Tp.  
(Sandwich South Tp.  
(Yarmouth Tp.  
T.R.N. Hay Tp.  
T.R.N. North Dorchester Tp.  
T.R.N.B.  
T.R.R.  
T.R.S. Fullerton Tp.

Simcoe Island  
St. Lawrence River North  
South of Road  
  
Sydenham Road East  
  
Sunnidale Road East  
Snider Road South  
Stewart & Ruggles Tract  
Sydenham Road West  
South Side  
Southwest Range  
Townline Range  
Talbot Road East Branch  
  
Talbot Road North  
  
Thames Road North  
Thames River North  
Talbot Road North Branch  
Talbot Road Range  
Thames Road South

(Gosfield North Tp.	
(Maidstone Tp	
(Malahide Tp.	
(Mersea Tp.	
T.R.S. (Middleton Tp.	Talbot Road South
(North Cayuga Tp.	
(Sandwich South Tp.	
(South Cayuga Tp.	
(Yarmouth Tp.	
T.R.S. (Harwich Tp.	
(Raleigh Tp.	Thames River Survey
T.R.S. North Dorchester Tp.	Thames River South
U.E.	Upper End
W.	West
W.B. Blanshard Tp.	West Boundary Concession
W.B. Harwich Tp.	Western Boundary
W.B. Raleigh Tp.	West Boundary
W.D.	Western Division
W.G.L.	West of Gore Line
W.L.N.W.	West Lake Northwest
W.L.S.S.	West Lake South Side
W.R. (Oneida Tp.	West Range
W.R. (Woolwich Tp.	West of River
W.S.	West Section
Y.S.E.	Yonge Street East
Y.S.W.	Yonge Street West

## <sup>2</sup> Uses of Water

The following abbreviations are used to designate uses of well water:

C..... Commercial	Ir..... Irrigation	S..... Stock
D ..... Domestic	P ..... Public Supply	T..... Test hole
In ..... Industrial		

### <sup>3</sup>Log and Remarks

The following abbreviations are used to designate soil character:

/ .....	limest. ....	limestone	sandst. ....	sandstone
bould. ....	med. ....	medium	w/ .....	with
hardp. ....	s. ....	sand		

APPENDIX - D. TABLE V - AREAS AND MONTHLY MEAN ELEVATIONS OF SOME OF THE GREAT LAKES <sup>1</sup>

Lake and Period	Total Area sq. miles	Monthly Mean Elevation Above Sea Level											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Superior:	31,820	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1860-1952 incl.	....	602.53	602.32	602.23	602.36	602.67	602.88	603.17	603.28	603.28	603.06	602.80	602.54
1953 .....	....	601.99	601.84	601.74	601.85	602.16	602.80	603.15	603.26	603.02	602.70	602.26	602.06
1954 .....	....	601.80	601.60	601.40	601.51	602.23	602.73	602.91	602.77	602.56	602.38	602.20	601.91
Huron:	23,010												
1860-1952 incl.	....	580.48	580.49	580.56	580.94	581.32	581.53	581.74	581.77	581.66	581.44	581.22	581.15
1953 .....	....	581.32	581.24	581.22	581.48	581.71	581.95	582.16	582.18	581.91	581.50	581.16	580.99
1954 .....	....	580.57	580.46	580.70	580.77	581.18	581.45	581.66	581.62	581.44	581.74	581.63	581.46
Erie:	9,940												
1860-1952 incl.	....	572.60	572.64	572.99	573.47	573.65	573.68	573.63	573.33	573.09	572.75	572.61	572.68
1953 .....	....	572.87	573.12	573.13	573.38	573.45	573.83	573.77	573.55	573.25	572.67	572.60	572.78
1954 .....	....	572.15	572.05	572.70	573.27	573.63	573.55	573.40	573.16	572.91	573.14	573.28	573.18
Ontario:	7,540												
1860-1952 incl.	....	246.16	246.45	246.86	247.65	248.07	248.12	247.95	247.47	247.01	246.53	246.18	246.17
1953 .....	....	246.40	246.47	246.64	247.18	247.57	247.73	247.42	247.00	246.64	246.00	245.61	245.58
1954 .....	....	245.33	245.53	246.31	246.93	247.68	247.59	247.21	246.72	246.38	246.31	246.35	246.42

<sup>1</sup> Information by courtesy of the Canadian Hydrographic Service of the Canadian Department of Mines and Technical Surveys.

APPENDIX- D. TABLE VI- AVERAGE TEMPERATURE READINGS, IN DEGREES  
FAHRENHEIT, FOR CERTAIN LOCALITIES IN ONTARIO.<sup>1</sup>

Station and Period of Years Observed <sup>2</sup>	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An- nual
Fort William:													
1953 .....	10	12	24	36	47	58	63	65	52	45	33	15	38
1954 .....	0	19	19	33	42	59	64	62	51	42	32	16	37
Av. for 62- year period	7	9	20	35	47	57	63	60	53	42	27	14	36
Cochrane:													
1953 .....	10	9	21	36	47	56	62	62	48	42	31	10	36
1954 .....	7	12	12	32	44	59	58	56	47	42	25	10	35
Av. for 28- year period	0	3	15	32	46	58	63	59	51	39	23	8	33
North Bay:													
1953 .....	14	19	28	38	53	61	65	65	55	47	36	20	42
1954 .....	4	22	21	37	48	62	63	61	52	44	32	15	38
Av. for 17- year period	12	12	24	38	51	62	67	65	56	43	31	16	40
Parry Sound:													
1953 .....	20	22	29	39	53	61	66	66	58	49	40	26	44
1954 .....	10	25	23	40	49	63	64	63	55	47	36	19	41
Av. for 63- year period	15	14	24	39	52	62	67	65	58	46	33	21	41
Ottawa:													
1953 .....	19	22	32	42	57	65	70	68	59	49	40	26	46
1954 .....	7	22	25	41	53	64	66	64	55	49	36	18	42
Av. for 65- year period	12	13	24	41	55	65	70	66	58	46	32	17	42
Kingston:													
1953 .....	26	25	34	42	54	64	70	68	62	51	43	34	48
1954 .....	15	28	31	43	52	64	67	66	60	53	40	25	45
Av. for 62- year period	19	18	28	41	53	63	68	67	61	49	37	24	44
Toronto:													
1953 .....	30	31	36	45	57	67	72	72	63	54	44	34	50
1954 .....	21	33	32	46	54	68	71	68	62	54	41	29	48
Av. for 105- year period	23	22	30	42	53	63	69	67	60	48	37	27	45
Welland:													
1953 .....	31	30	37	44	56	67	71	70	62	54	44	34	50
1954 .....	23	32	32	47	54	68	70	67	62	54	41	29	48
Av. for 45- year period	24	22	32	44	56	65	71	69	62	52	39	28	47
Stratford:													
1953 .....	24	25	31	40	54	64	68	67	58	51	39	28	46
1954 .....	16	27	26	43	50	64	65	63	57	49	37	23	43
Av. for 64- year period	21	20	29	42	54	64	69	67	61	48	36	25	45
Owen Sound:													
1953 .....	26	27	32	40	53	63	67	68	60	51	42	31	47
1954 .....	18	20	26	44	50	64	65	65	59	50	39	26	45
Av. for 54- year period	20	19	27	40	52	61	67	65	59	48	35	25	43
London:													
1953 .....	27	28	34	42	55	66	69	69	60	52	41	31	48
1954 .....	21	30	29	46	52	67	68	66	60	52	39	25	46
Av. for 54- year period	22	21	30	44	55	65	69	67	61	49	37	26	46
Chatham:													
1953 .....	30	31	38	44	53	69	72	72	64	56	44	33	51
1954 .....	25	33	32	48	55	70	71	70	65	54	41	30	50
Av. for 48- year period	25	24	34	46	58	67	73	71	64	52	40	29	48
Windsor:													
1953 .....	29	31	38	44	58	70	72	72	64	55	43	32	51
1954 .....	26	33	32	49	54	70	71	70	65	54	40	29	49
Av. for 47- year period	24	24	33	46	57	68	72	70	63	51	38	27	48

<sup>1</sup> Information by courtesy Meteorological Div. Can. Dept. Transport.

<sup>2</sup> Periods of years end mostly in 1937 or 1938.

<sup>3</sup> Information not available.

APPENDIX- D. TABLE VII- PRECIPITATION IN INCHES FOR CERTAIN LOCALITIES IN ONTARIO<sup>1</sup>

Station and Period of Years Observed <sup>2</sup>	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Port William:													
1953 .....	1.9	0.8	2.2	1.0	6.3	3.1	0.7	1.8	3.8	0.8	2.0	2.5	26.9
1954 .....	4.2	1.7	0.9	4.2	3.8	2.9	1.2	3.1	2.8	1.5	2.6	0.8	29.7
Av. for 59-year period	0.9	0.8	1.0	1.5	2.1	2.8	3.6	2.8	3.4	2.5	1.5	1.0	23.7
(3) (3)													
Cochrane:													
1953 .....			2.5	1.1	2.0	2.2	3.8	1.3	8.7	0.8	3.1	3.3	(3)
1954 .....	2.0	2.1	2.7	2.2	3.5	6.3	6.5	3.5	4.4	4.3	2.5	0.5	40.5
Av. for 28-year period	1.7	1.0	1.5	1.7	2.2	2.8	3.5	3.0	3.2	2.7	2.4	2.7	27.4
North Bay:													
1953 .....	3.3	1.7	3.2	2.7	1.9	1.0	3.3	1.5	4.6	1.3	1.9	3.9	30.3
1954 .....	2.5	3.1	1.8	4.6	3.0	5.5	3.3	3.0	6.1	4.6	3.5	2.9	43.9
Av. for 23-year period	2.0	1.5	1.8	2.2	2.5	3.2	3.2	2.7	3.7	3.2	2.7	2.1	30.8
Parry Sound:													
1953 .....	2.2	3.2	4.2	3.0	2.9	1.7	2.8	0.9	5.4	1.1	4.2	4.8	36.4
1954 .....	2.3	2.2	2.5	5.4	3.1	4.8	1.4	3.6	6.8	6.5	2.2	2.8	43.6
Av. for 63-year period	3.9	2.9	2.7	2.3	2.9	2.6	2.6	2.7	3.7	4.0	4.1	4.4	38.8
Ottawa:													
1953 .....	2.4	0.9	4.2	2.6	2.0	2.6	2.0	2.5	4.1	1.2	1.3	3.5	29.3
1954 .....	3.3	3.3	3.1	4.6	3.2	3.9	1.6	3.7	4.8	2.6	4.3	5.3	43.7
Av. for 65-year period	2.9	2.2	2.8	2.7	2.5	3.5	3.4	2.6	3.2	2.9	3.0	2.6	34.2
Kingston:													
1953 .....	1.5	1.2	3.2	2.7	5.2	1.0	1.1	3.7	3.7	0.8	1.9	2.5	28.5
1954 .....	2.4	4.2	2.8	4.5	1.8	2.0	1.2	2.6	3.2	3.1	3.0	1.9	32.7
Av. for 62-year period	2.8	2.2	2.5	2.3	2.8	2.9	2.9	2.7	2.8	3.0	3.0	2.9	32.8
Toronto:													
1953 .....	1.8	1.1	2.8	2.5	4.4	1.8	2.8	2.0	3.8	0.8	1.8	1.8	27.4
1954 .....	2.3	2.5	3.6	4.1	0.9	3.4	0.3	3.8	1.9	6.1	1.9	2.4	
Av. for 105-year period	2.7	2.4	2.6	2.5	2.9	2.7	3.0	2.7	2.9	2.4	2.8	2.6	32.2
Welland:													
1953 .....	2.6	1.2	3.3	1.6	6.1	1.6	2.1	3.8	4.0	0.5	2.6	2.5	31.9
1954 .....	2.4	3.1	5.0	4.2	1.0	2.2	1.4	3.8	2.6	6.9	3.4	3.8	39.8
Av. for 45-year period	3.1	2.9	2.7	2.8	2.8	2.7	3.2	2.4	2.9	2.9	2.7	2.9	33.9
Stratford:													
1953 .....	3.6	3.4	3.9	3.0	6.9	7.2	2.7	1.7	4.1	1.2	2.2	4.7	44.6
1954 .....	3.5	6.3	6.2	4.8	0.7	3.9	2.9	1.8	4.0	8.2	2.5	3.3	48.1
Av. for 64-year period	3.2	2.7	2.9	2.7	3.1	3.2	3.4	3.0	3.3	3.3	3.6	3.4	37.7
Owen Sound:													
1953 .....	1.4	1.8	3.4	2.8	3.0	2.9	3.9	2.0	5.2	0.9	2.3	4.2	33.8
1954 .....	3.2	4.6	6.1	3.2	1.5	3.4	1.9	7.6	6.2	7.7	3.3	1.0	49.7
Av. for 54-year period	4.0	3.0	2.4	2.0	2.5	2.7	3.1	2.6	3.0	3.2	3.3	4.2	36.0
London:													
1953 .....	3.1	1.8	3.1	2.9	2.2	3.0	4.0	2.4	6.6	0.3	1.7	3.2	34.3
1954 .....	2.8	5.3	4.4	5.3	0.5	2.9	0.9	2.2	3.2	8.9	1.4	2.5	40.3
Av. for 54-year period	4.0	3.5	2.8	2.9	2.8	3.1	3.2	2.8	3.0	2.9	3.7	3.5	38.2
Chatham:													
1953 .....	2.5	0.7	2.9	3.0	2.8	2.2	3.0	1.5	2.0	0.5	1.5	2.8	25.5
1954 .....	2.4	4.1	6.1	3.6	1.2	1.2	1.5	0.7	1.4	8.2	1.9	1.8	34.1
Av. for 60-year period	2.2	2.1	2.2	2.3	2.5	2.6	2.8	2.5	2.6	2.4	2.3	2.2	29.2
Windsor:													
1953 .....	2.2	1.1	3.0	2.9	4.0	2.9	3.0	3.3	1.9	0.8	1.0	1.6	27.7
1954 .....	2.0	4.2	5.7	3.4	1.1	2.1	1.5	1.8	2.7	6.4	1.6	2.0	34.5
Av. for 47-year period	2.3	2.2	2.4	2.2	3.1	3.4	3.4	2.7	2.6	2.2	2.5	2.2	31.1

<sup>1</sup> Information by courtesy Meteorological Div. Can. Dept. Transport.

<sup>2</sup> Period of years end mostly in 1937 or 1938.

<sup>3</sup> Information not available.



\*96936000009146\*